EXTREME SECURITY

SINCE1974

CIAS®

PRICE LIST 2018

V1.0

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MICROWAVE BARRIERS	
ERMUSA	*12*
ERMO 482	*14*
CORAL PLUS	*17*
MANTA	*20*
ERMO 482X PRO 3.0	*23*

FENCE SYSTEMS	
SIOUX 3D MEMS	*27*
APACHE-FIBER	*36*
BLACK-FEET	*38*

INFRARED BARRIERS	
NEWTON LIGHT	*43*
NEWTON PLUS	*45*
DARWIN DT	*47*

MULTITECH BARRIERS	
PYTHAGORAS 3.0	*51*

SENSORS	
MURENA PLUS	*54*
AQUARIUS	*56*
CENTURION	*58*
ALFA	*59*

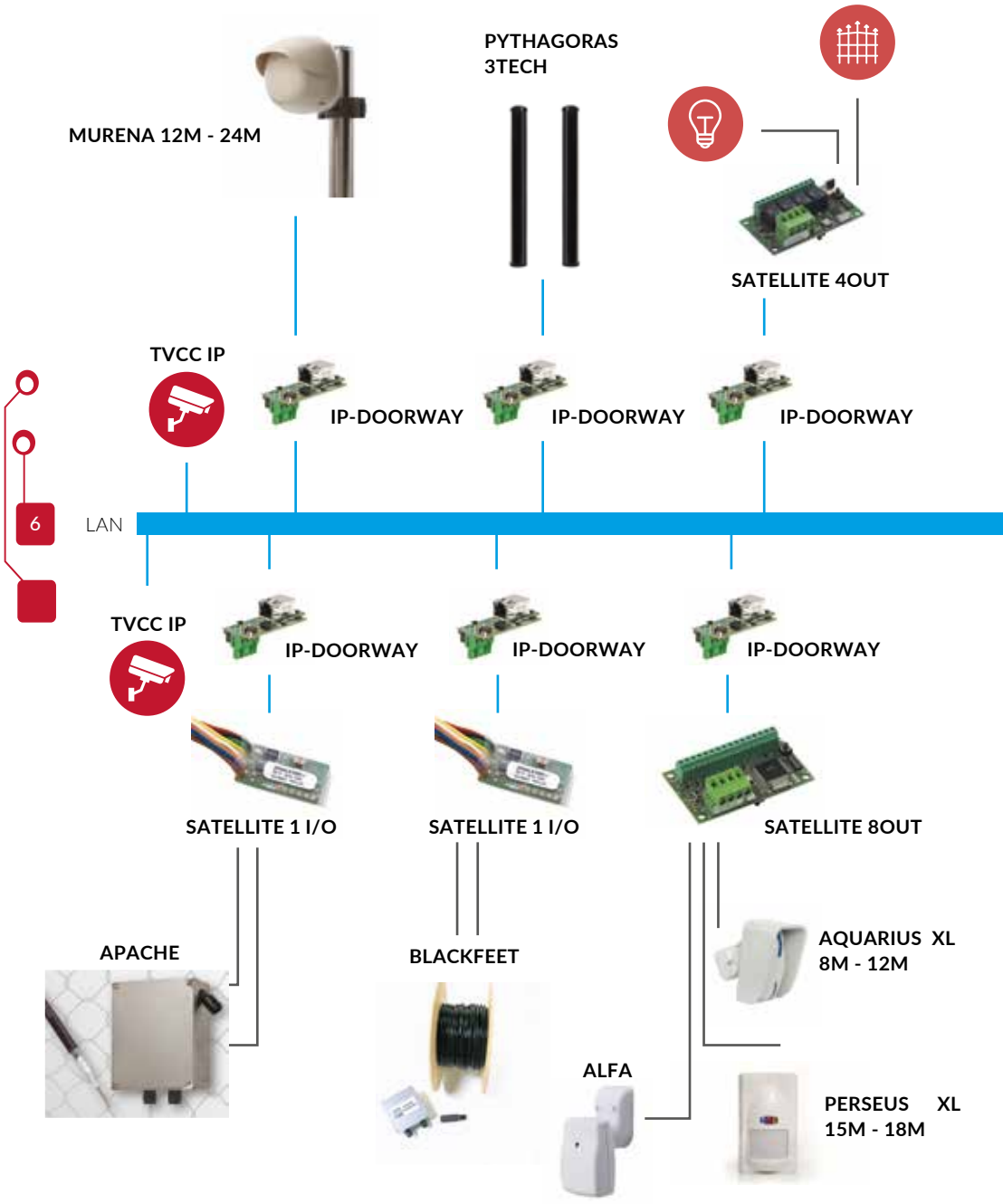
SPECIAL APPLICATION	
MMD-SYSTEM	*60*
MMD-CENTURION	*63*
EXPLOSION PROOF	*64*

DATA COLLECTION SYSTEMS	
IB-SYSTEM-IP	*65*
IB-SYSTEM-RACK	*69*

SUPERVISION & CCTV INTEGRATION	
SUPERVISOR (SOFTWARE)	*75*

ACCESSORIES	
SOFTWARE	*77*
ALIGNMENT & SETTINGS TOOLS	*78*
BRACKETS	*78*
POLES & BOXES	*80*
TRANSFORMERS & POWER SUPPLY	*83*
IP-READY & POE	*84*
TIES	*84*
TOWERS FOR NEWTON & PYTHAGORAS	*85*

FULL IP SOLUTION



PERSEUS XL
15M - 18M

ALFA

AQUARIUS XL
8M - 12M

SERVER CIAS
SUPERVISOR

SATELLITE 8IN

CLIENT CIAS
SUPERVISOR

TVCC IP

IP-DOORWAY

IP-DOORWAY

IP-DOORWAY

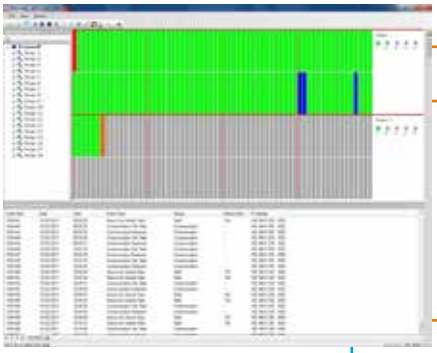
ERMO 482X PRO 3.0
UP TO 500M

IB-SYSTEM IP

SIOUX 3D MEMS

CORAL PLUS
100M and 220M

BUS-485 OR OPTICAL FIBRE



IB-SYSTEM RACK and
IB-SYSTEM IP

IP

BUS-485 or Optical Fibre

MANTA
50M - 80M

ERMO 482X PRO 3.0
UP TO 500M

PYTHAGORAS
3TECH
100M-160M

BUS-485 or Optical Fibre

BUS-485 or Optical Fibre

SATELLITE 8IN

PERSEUS XL
15M - 18M

SATELLITE 8IN

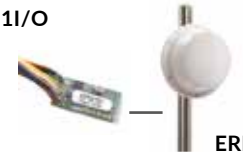
PERSEUS XL
15M - 18M

AQUARIUS XL
8M - 12M

MURENA 12M - 24M

BUS-485 or Optical Fibre

SATELLITE
1I/O



ERMO 482 RX

SATELLITE
1I/O

ERMO 482 TX

CORAL PLUS RX

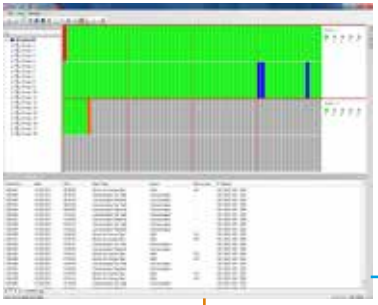
CORAL PLUS TX

SIOUX

SATELLITE
1I/O

BLACKFEET

HYBRID SOLUTION RS485 AND IP



ERMO 482X PRO
3.0 UP TO 500M

IP-DOORWAY

IP

PYTHAGORAS 3TECH
100M-160M

MANTA
50M - 80M

BUS 485

BUS 485

SATELLITE 8IN

MURENA
12M - 24M

PERSEUS XL
15M - 18M

ERMUSA TX

SATELLITE
1I/O

AQUARIUS XL
8M - 12M

ERMUSA RX

SATELLITE
1I/O

ERMO 482X PRO 3.0
UP TO 500M

SWITCH PoE

TVCC IP

SUPERVISOR

LAN

IP-DOORWAY

IP-DOORWAY

IP-DOORWAY

IP-DOORWAY

SATELLITE 8IN

AQUARIUS XL
8M - 12M

CORAL PLUS

SATELLITE 4OUT

MURENA 12M - 24M

AQUARIUS XL
8M - 12M

ERMUSA

100% MICROWAVE | ANALOGUE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Analogue microwave barrier with planar antenna.

TECHNICAL FEATURES:

Consumption 90 mA - 4 different channels.

ERMUSA 30	ERMUSA30	€ 450,00
Range 30 mt. - Weight: 1 Kg.		
ERMUSA 60	ERMUSA60	€ 490,00
Range 60 mt. - Weight: 1 Kg. WARNING! Do not use for wall installation with distances over 50m.		
ERMUSA 80	ERMUSA80	€ 720,00
Range 80 mt. - Weight: 1 Kg. WARNING! Do not use for wall installation with distances over 50m.		

ERMUSA TX 60	ERMUSATX60	€ 195,00
TX assistance kit for Ermusa 30 and 60. Includes electronics and mw parts.		
ERMUSA RX 60	ERMUSARX60	€ 220,00
RX assistance kit for Ermusa 30 and 60. Includes electronics and mw parts.		
ERMUSA TX 80	ERMUSATX80	€ 310,00
TX assistance kit for Ermusa 80. Includes electronics and mw parts.		
ERMUSA RX 80	ERMUSARX80	€ 350,00
RX assistance kit for Ermusa 80. Includes electronics and mw parts.		
MEC ERMUSA	MEC-ERMUSA	€ 44,00
One complete empty case for Ermusa E. Provided with cover, back cover and bracket.		
GANASCIA ERMUSA	KIT-GANASCIAERMUSA	€ 11,00
Small bracket for ERMUSA.		

ERMO 482

100% MICROWAVE | ANALOGUE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Analogue microwave barrier with parabolic antenna.

TECHNICAL FEATURES:

4 different channels - Consumption 200 mA (TX+RX) - Separate outputs for intrusion and tampering - Weight: 4,8 Kg.

ERMO 482/50	ERMO482050	€ 958,00
Range 50 mt, equipped with 10 cm parabolic antenna.		
ERMO 482/80	ERMO482080	€ 1087,00
Range 80 mt, equipped with 20 cm parabolic antenna.		
ERMO 482/120	ERMO482120	€ 1216,00
Range 120 mt, equipped with 20 cm parabolic antenna.		
ERMO 482/200	ERMO482200	€ 1345,00
Range 200 mt, equipped with 20 cm parabolic antenna.		

KIT ERMO 482 TX	ERMO 482TX	€ 465,00

TX assistance kit for Ermo 482. Includes TX electronic board and mw oscillator. Range from 50m up to 200m.

KIT ERMO 482 RX	ERMO 482RX	€ 526,00

RX assistance kit for Ermo 482. Includes RX electronic board and mw detector. Range from 50m up to 200m.

ERMO482TX 50	ERMO482050TX	€ 528,00

Complete Ermo 482 TX unit. Includes mechanical, electronic and mw parts 50 mt; equipped with 10 cm parabolic antenna.

ERMO482TX 80	ERMO482080TX	€ 600,00

Complete Ermo 482 TX unit. Includes mechanical, electronic and mw parts 80 mt.

ERMO482TX 120	ERMO482120TX	€ 671,00

Complete Ermo 482 TX unit. Includes mechanical, electronic and mw parts 120 mt.

ERMO482TX 200	ERMO482200TX	€ 742,00

Complete Ermo 482 TX unit. Includes mechanical, electronic and mw parts 200 mt.

ERMO482RX 50	ERMO482050RX	€ 573,00

Complete Ermo 482 RX unit. Includes mechanical, electronic and mw parts 50 mt; equipped with 10 cm parabolic antenna.

ERMO482RX 80	ERMO482080RX	€ 650,00

Complete Ermo 482 RX unit. Includes mechanical, electronic and mw parts 80 mt.

MICROWAVE BARRIERS

ERMO482RX 120	ERMO482120RX	€ 727,00
Complete Ermo 482 RX unit. Includes mechanical, electronic and mw parts 120 mt.		
ERMO482RX 200	ERMO482200RX	€ 804,00
Complete Ermo 482 RX unit. Includes mechanical, electronic and mw parts 200 mt.		
COVER ERMO 482	ERMO RED	€ 54,00
Cover for Ermo 482.		
BACK COVER ERMO 482	FONDO-ERMO	€ 108,00
Back cover for 1 single unit for Ermo 482.		
KIT BRACKET	KIT-GANASCIA	€ 62,00
Pair of bracket for TX and RX. Provided with screws.		
ILLUMINATOR	ERMO-ILL	€ 54,00
Illuminator.		
ANTENNA 10 CM	ERMO-PAR10	€ 39,00
Parabolic antenna 10 cm for Ermo 50 mt.		
PARABOLIC ANTENNA 20 CM	ERMO-PAR20	€ 54,00
Parabolic antenna 20 cm for Ermo 80, 120, 200, 250, 500 m.		

CORAL PLUS

100% MICROWAVE | IP-READY PoE | DIGITAL | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Digital microwave barrier with parabolic antenna.

TECHNICAL FEATURES:

Consumption 120 mA (TX+RX) - 3 outputs for alarm, failure and tamper - 16 different channels - Included junction box - Instrument for alignment integrated - Wiring completely protected thanks to the special bracket and housing - Provided with interface for alarm collection on serial bus (RS485) or over IP PoE (IP-DOORWAY-S) - It is possible to remotely control the device with the software WAVE-TEST2 - CORAL PLUS can be collected directly to IB-SYSTEM and CIAS SUPERVISOR as for the digital products ERMO482X Pro, Manta and Murena.

CORAL 100 PLUS	CORALPLUS100A	€ 1234,00

Range 100 mt. DIGITAL version. Color grey. The barrier can be powered using the standard input 13,8 Vdc. Can be also be powered on 19Vac, 24Vac, 24Vdc using the accessory CORALPOWER or through the accessory IP-DOORWAY if you are feeding with Power Over Ethernet. WARNING! It is recommended to use the accessory CORALPOWER with transformer TRTOR or IP-DOORWAY on those industrial areas where could be the presence of electromagnetic disturbances.

MICROWAVE BARRIERS

CORAL 220 PLUS	CORALPLUS220A	€ 1599,00

Range 220 mt. DIGITAL version. Color grey. The barrier can be powered using the standard input 13,8 Vdc. Can be also be powered on 19Vac, 24Vac, 24Vdc using the accessory CORALPOWER or through the accessory IP-DOORWAY if you are feeding with Power Over Ethernet. WARNING! It is recommended to use the accessory CORALPOWER with transformer TRTOR or IP-DOORWAY on those industrial areas where could be the presence of electromagnetic disturbances.

ACCESSORIES

BUTTERFLY ANTENNA	PAR-BF	€ 60,00

Butterfly parabolic antenna. WARNING! For installation on concrete or asphalt with distances longer than 50m the "butterfly antenna" is not recommended.

SPARE PARTS

KIT CORAL PLUS TX	CORALPLUSTXKIT	€ 453,00

Complete set for CORAL PLUS TX up to 220m including electronic board, cavity and power supply kit.

KIT CORAL PLUS RX	CORALPLUSRXKIT	€ 540,00

Complete set for CORAL PLUS RX up to 220m including electronic board, cavity and power supply kit.

CORALPLUS100ATX	CORALPLUS100ATX	€ 741,00

Complete unit CORAL 100 TX Grey color. Includes mechanical, electronic and mw parts 100m.

CORALPLUS100ARX	CORALPLUS100ARX	€ 803,00

Complete unit CORAL 100 RX Grey color. Includes mechanical, electronic and mw parts 100m.

CORALPLUS220ATX	CORALPLUS220ATX	€ 944,00

Complete unit CORAL 220 TX Grey color. Includes mechanical, electronic and mw parts 220m.

CORALPLUS220ARX	CORALPLUS220ARX	€ 1023,00
Complete unit CORAL 220 RX Grey color. Includes mechanical, electronic and mw parts 220m.		

CORAL MEC A	CORAL-MEC-A	€ 210,00
Complete Coral grey case provided with cover, back cover and bracket.		

20 cm SPECIAL ANTENNA	PAR-LR	€ 30,00
20 cm parabolic antenna.		

ILLUMINATOR	ERMO-ILL	€ 54,00
Illuminator.		

MANTA

IP-READY PoE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Digital microwave barrier with planar antenna based on ”Fuzzy Logic” analysis of the intrusion signal for commercial and residential application. Instrument for alignment, adjusting and walk-test integrated.

TECHNICAL FEATURES:

Wiring completely protected thanks to the special bracket and housing - Provided with interface for alarm collection on serial bus (RS485) or over IP PoE (IP-DOORWAY-S) - It is possible to remotely control the device with the software WAVE-TEST2 - MANTA can be collected directly to IB-SYSTEM and CIAS SUPERVISOR as for the other digital model ERMO 482X Pro, CORAL PLUS and Murena - Wiring completely protected thanks to the special bracket and housing.

MANTA 50	MANTA050A	€ 664,00
Digital Microwave Barrier with Fuzzy Logic analysis of the signal. Range 50m.		

MANTA 80	MANTA080A	€ 999,00
Digital Microwave Barrier with Fuzzy Logic analysis of the signal. Range 80m. WARNING! Do not use for wall installation with distances over 50m.		

ACCESSORIES

MANTA EMG SHIELD	MANTASK	€ 110,00

Protective shield for high disturbance environment. WARNING! It works only with MANTA manufactured after July 2008. For previous version, please specify on order.

SPARE PARTS

MANTA 50 TX	MANTA050ATX	€ 366,00

Complete unit MANTA 50 TX. Includes mechanical, electronic and mw parts 50m.

MANTA 50 RX	MANTA050ARX	€ 398,00

Complete unit MANTA 50 RX. Includes mechanical, electronic and mw parts 50m.

MANTA 80 TX	MANTA080ATX	€ 551,00

Complete unit MANTA 80 TX. Includes mechanical, electronic and mw parts 80m.

MANTA 80 RX	MANTA080ARX	€ 597,00

Complete unit MANTA 80 RX. Includes mechanical, electronic and mw parts 80m.

KIT MANTA TX 50	MANTAKIT050TX	€ 305,00

MANTA TX assistance kit for range up to 50m. Includes TX pcb and microwave part

KIT MANTA RX 50	MANTAKIT050RX	€ 346,00

MANTA RX assistance kit for range up to 50m. Includes Rx pcb and microwave part

KIT MANTA TX 80	MANTAKIT080TX	€ 450,00

MANTA TX assistance kit for range up to 80m. Includes TX pcb and microwave part.

MICROWAVE BARRIERS

KIT MANTA RX 80	MANTAKIT080RX	€ 520,00

MANTA RX assistance kit for range up to 80m. Includes RX pcb and microwave part.

MANTA - MEC	MANTA-MEC	€ 100,00

Complete mechanic parts for Manta provided with cover, back cover and bracket.

ERMO 482X PRO 3.0

100% MICROWAVE | IP-READY PoE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

New Digital microwave barrier with parabolic antenna, based on "Fuzzy Logic" analysis of intrusion signal, for range up to 500m, X and K band. The new more powerful microprocessor positively increases its performances both in detection and in false alarm discrimination (POD 99% - FAR 1/unit/year).

TECHNICAL FEATURES:

It is provided with 16 different channels - Consumption 170 mA (TX + RX) - Separate relay outputs for intrusion, tamper and fault - The new model has a safety warning when internal battery is low, as well as a smart test for battery fault or exhaustion - Serial line 485 for Local/Remote management/ maintenance/installation - 2 extra balanced inputs for collection of other devices - Test, Stand-by, Synchronism - Integrated instrument for alignment, adjusting and walk-test - Provided with interface for alarm collection on serial bus (RS485) or over IP & PoE with IP-DOORWAY-S module - It is possible to remotely control the device with the WAVE-TEST2 software - ERMO 482X Pro 3.0 can be collected directly by IB-SYSTEM IP and CIAS SUPERVISOR, like all the other Cias digital models CORAL PLUS, MANTA and MURENA - IP66 -35°C +70°C.

MICROWAVE BARRIERS

ERMO482XPRO 3.0 50M	ERMO482X3PRO050	€ 2110,00
Range 50 mt - X Band, equipped with 10 cm parabolic antenna.		
ERMO482XPRO 3.0 80M	ERMO482X3PRO080	€ 2150,00
Range 80 mt - X Band, equipped with 20 cm parabolic antenna.		
ERMO482XPRO 3.0 120M	ERMO482X3PRO120	€ 2459,00
Range 120 mt - X Band, equipped with 20 cm parabolic antenna.		
ERMO482XPRO 3.0 200M	ERMO482X3PRO200	€ 2625,00
Range 200 mt - X Band, equipped with 20 cm parabolic antenna.		
ERMO482XPRO 3.0 250M	ERMO482X3PRO250	€ 2800,00
Range 250 mt - K Band 24GHz, equipped with 20 cm parabolic antenna.		
ERMO482XPRO 3.0 500M	ERMO482X3PRO500	€ 4100,00
Range 500 mt - K Band 24GHz, equipped with 20 cm parabolic antenna.		

ACCESSORIES

SYNC	SYNC 01	€ 70,00
Synchronism repeater for TX with distances more than 10 mt or for other special applications.		

SPARE PARTS

KIT ERMO 482X PRO 3.0 TX	ERMO482X3PROTX	€ 998,00
Ermo 482X Pro TX assistance Kit for range up to 200m. Includes TX electronics and mw oscillator.		
KIT ERMO482X PRO 3.0 RX	ERMO482X3PRORX	€ 1015,00
ERMO 482X Pro RX assistance Kit for range up to 200m. Includes RX electronics and mw detector.		

KIT ERMO482X PRO 3.0 TX K	ERMO482X3PROTXF5	€ 1045,00

TX Kit Ermo 482X Pro K-band for range up to 250m. Including complete electronic board and 24Ghz TX Cavity

KIT ERMO482X PRO 3.0 RX K	ERMO482X3PRORXF5	€ 1060,00

RX Kit Ermo 482X Pro K-band for range up to 250m. Including complete electronic board and 24Ghz RX Cavity

ERMO482X PRO 3.0 TX 50m	ERMO482X3PRO50TX	€ 1130,00

Complete Ermo 482X Pro TX unit. Includes mechanical, electronic and mw parts 50 mt; equipped with 10 cm parabolic antenna.

ERMO482X PRO 3.0 TX 80m	ERMO482X3PRO80TX	€ 1145,00

Complete Ermo 482X Pro TX unit. Includes mechanical, electronic and mw parts 80 mt.

ERMO482X PRO 3.0 TX 120m	ERMO482X3PRO120TX	€ 1315,00

Complete Ermo 482X Pro TX unit. Includes mechanical, electronic and mw parts 120 mt.

ERMO482X PRO 3.0 TX 200m	ERMO482X3PRO200TX	€ 1405,00

Complete Ermo 482X Pro TX unit. Includes mechanical, electronic and mw parts 200 mt.

ERMO482X PRO 3.0 RX 50m	ERMO482X3PRO50RX	€ 1225,00

Complete Ermo 482X Pro RX unit. Includes mechanical, electronic and mw parts 50 mt; equipped with 10 cm parabolic antenna.

ERMO482X PRO 3.0 RX 80m	ERMO482X3PRO80RX	€ 1250,00

Complete Ermo 482X Pro RX unit. Includes mechanical, electronic and mw parts 80 mt.

ERMO482X PRO 3.0 RX 120m	ERMO482X3PRO120RX	€ 1428,00

Complete Ermo 482X Pro RX unit. Includes mechanical, electronic and mw parts 120 mt.

MICROWAVE BARRIERS

ERMO482X PRO 3.0 RX 200m	ERMO482X3PRO200RX	€ 1525,00
Complete Ermo 482X Pro RX unit. Includes mechanical, electronic and mw parts 200 mt.		
ERMO482X PRO 3.0 250m TX	ERMO482X3PRO250TX	€ 1550,00
Complete Ermo 482X Pro TX 24Ghz unit. Includes mechanical, electronic and mw parts 250 mt.		
ERMO482X PRO 3.0 250m RX	ERMO482X3PRO250RX	€ 1675,00
Complete Ermo 482X Pro RX 24Ghz unit. Includes mechanical, electronic and mw parts 250 mt.		
COVER ERMO 482X PRO	ERMOXPRO RAD	€ 54,00
Cover for Ermo 482X Pro. Green.		
BACK COVER ERMO 482X PRO	FONDO-ERMOXPRO	€ 108,00
Back cover for 1 single unit of Ermo 482x Pro.		
KIT BRACKET ERMO 482X PRO	KIT-GANASCIAPRO	€ 62,00
Pair of brackets for TX e RX. Green. Provided with screws.		
ILLUMINATOR	ERMO-ILL	€ 54,00
Illuminator.		
ILLUMINATOR K	ERMO-ILLF5	€ 100,00
Illuminator for Ermo Family 24Ghz.		
ANTENNA 10 CM	ERMO-PAR10	€ 39,00
Parabolic antenna 10 cm for Ermo 50 mt.		
PARABOLIC ANTENNA 20 CM	ERMO-PAR20	€ 54,00
Parabolic antenna 20 cm for Ermo 80, 120, 200, 250, 500 m.		

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SIOUX 3D MEMS

100% MEMS TECH | IP-READY PoE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

SIOUX 3.0 is our innovative IP NATIVE & PoE fence sensor system, which can protect up to 700mt and 20 zones with a single CU.

TECHNICAL FEATURES:

Based on 3D MEMS technology, SIOUX has the capability to pin point the intrusion location within 1mt resolution - Adaptable to any type of fence, Sioux is quick to be installed with plug & play structure and it's easy to be configured physically with the ”Touch & Zone” function, or remotely through the SIOUX-TEST2 software.

SIOUX KIT 70M	SIOUX KIT 70M	€ 4309,00

Complete kit for 70m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

FENCE SYSTEMS

SIOUX KIT 140M	SIOUX KIT 140M	€ 6115,00

Complete kit for 140m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 210M	SIOUX KIT 210M	€ 7893,00

Complete kit for 210m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 280M	SIOUX KIT 280M	€ 9716,00

Complete kit for 280m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 350M	SIOUX KIT 350M	€ 11494,00

Complete kit for 350m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 420M	SIOUX KIT 420M	€ 13300,00

Complete kit for 420m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 490M	SIOUX KIT 490M	€ 15123,00

Complete kit for 490m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 560M	SIOUX KIT 560M	€ 16929,00

Complete kit for 560m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 630M	SIOUX KIT 630M	€ 18707,00

Complete kit for 630m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

SIOUX KIT 700M	SIOUX KIT 700M	€ 20530,00

Complete kit for 700m to protect rigid or mesh fences expandable to 700m which includes all the necessary material (IP / RS485 controller, relay board 4 zones + 4 general technical alarms, expandable to 20 + 4, via IP or USB programming software, MEMS acceleration sensors to be positioned every 5m, patch cable RJ45 5,5m and ties UV resistent). Power supply 13,8Vdc 300mA.

COMPONENTS

SIOUX-CU SMALL	SIOUX-CU-SMALL	€ 1899,00

IP65 External Housing, (Dim. 230x260x90), containing SIOUX CONTROLLER processor for 700m coverage. (power Supply not included)

SIOUX-CU SMALL POE	SIOUX-CU-SMALL-POE	€ 2150,00

IP65 External Housing, (Dim. 230x260x90), containing SIOUX CONTROLLER POE processor for 700m coverage.

SIOUX-CU	SIOUX-CU	€ 2200,00

IP65 External Housing, (Dim. 340x300x150), containing SIOUX CONTROLLER processor and a 1,5A SIOUX-POWER power supply for 700m coverage.

SIOUX-CU POE	SIOUX-CU-POE	€ 2450,00

IP65 External Housing, (Dim. 340x300x150), containing SIOUX CONTROLLER POE processor for 700m coverage.

SIOUX-CONTROLLER	SIOUX-CONTROLLER	€ 1700,00

Processing unit for up to 20 zones with a coverage of 700m. Can monitor up to 140 sensors. Fitted in an aluminium case (requires a SIOUX-BOX for external use).

SIOUX-CONTROLLER POE	SIOUX-CONTROLLERPOE	€ 1950,00

Processing unit in Power Over Ethernet version for up to 20 zones with a coverage of 700m. Can monitor up to 140 sensors. Fitted in an aluminium case (requires a SIOUX-BOX for external use).

SIOUX-KIT-EL	SIOUX-KIT-EL	€ 580,00

Analysis group comprising 1 SIOUX-MASTER sensor and 6 SIOUX-SLAVE (requires 1 SIOUX-KIT-MEC to be complete)

SIOUX-KIT-MEC	SIOUX-KIT-MEC	€ 130,00

Kit of 7 mechanical parts used to make 1 sensor group: 1 MASTER and 6 SLAVE (requires 1 SIOUX-KIT-EL to be complete)

SIOUX-CABLE-KIT 3.5m	SIOUX-CABLE-KIT035	€ 150,00

Kit of 7 external, UV resistant, 3.5m patch cables used to make 1 sensor group: 1 MASTER and 6 SLAVE (requires 1 SIOUX-KIT-EL and 1 SIOUX-KIT MEC to be complete)

SIOUX-CABLE-KIT 5.5m	SIOUX-CABLE-KIT055	€ 179,00

Kit of 7 external, UV resistant, 5.5m patch cables used to make 1 sensor group: 1 MASTER and 6 SLAVE (requires 1 SIOUX-KIT-EL and 1 SIOUX-KIT MEC to be complete)

SIOUX-CARD-8 MASTER	SIOUX-CARD-8M	€ 270,00

Master board with 8 dry contacts (4 overall status + 4 zones). Expandable up to 20 zone dry contacts (+ 4 overall status). Master board with 8 dry contacts (4 overall status + 4 zones) via RS-485 up to 1,2 km. Note: To reach the maximum expansion of 20 dry contacts (20 zones) it's necessary to add 2 SIOUX-CARD-8S.

SIOUX-CARD-8 SLAVE	SIOUX-CARD-8S	€ 170,00

Slave relay expansion board with 8 relays (requires a SIOUX-CARD-8M)

SIOUX-REDUNDANCY-KIT	SIOUX-REDUNDANCY-KIT	€ 380,00	*NEW*

Optional kit for SIOUX branch redundancy. It allows Self Healing Ring function making the system work also in case of cut. Notes: It is necessary 1qty. SIOUX-REDUNDANCY-KIT for each active branch.

SIOUX-LEAD CABLE 50m	SIOUX-LEAD	€ 170,00

UV Resistant Cat 6E FTP cable for connection of SIOUX-CU and SIOUX-CU-SMALL if not installed on the fence (50m roll) and for fitting where there are discontinuities in the perimeter. Note: Included Qty. 2 connectors RJ45

SIOUX-KIT-RJ45	SIOUX-KIT-RJ45	€ 45,00

Kit Qty. 5 connectors RJ45 + special o'ring.

SIOUX-POWER	SIOUX-POWER	€ 90,00
Power supply 1.5 A 13,8 Vdc.		

SIOUX-JBOX	SIOUX-JBOX	€ 25,00
Junction Box (Dim. 100x100mm).		

SPARE PARTS

SIOUX-MASTER	SIOUX-MASTER	€ 190,00
	MASTER sensor comprising mechanical and electronic components. (Qty. 1)	

SIOUX-SLAVE	SIOUX-SLAVE	€ 99,00
	SLAVE sensor comprising mechanical and electronic components. (Qty. 1)	

SIOUX-CABLE 3.5m	SIOUX-CABLE035	€ 26,00
External, UV resistant, Cat 6E, 3.5m FTP patch cable for connecting SIOUX sensors (Qty. 1)		

SIOUX-CABLE 5.5m	SIOUX-CABLE055	€ 32,00
External, UV resistant, Cat 6E, 5.5m FTP patch cable for connecting SIOUX sensors (Qty. 1)		

SIOUX-CABLE 11m	SIOUX-CABLE110	€ 56,00

External, UV resistant, Cat 6E, 11m FTP patch cable for connecting SIOUX sensors (Qty. 1)

SIOUX-BOX-SMALL	SIOUX-BOX-SMALL	€ 390,00

Stainless steel box (Dim. 230x260x90) for SIOUX-CONTROLLER

SIOUX-BOX	SIOUX-BOX	€ 490,00

Stainless steel box (Dim. 340x300x150) for SIOUX-CONTROLLER and SIOUX-POWER

SIOUX-BOX-RELE'	SIOUX-BOX-RELE	€ 410,00

Empty box stainless steel IP65 (Dim. 340x300x150) for relays SIOUX-CARD (up to max 48 relays)

APACHE-FIBER

ANALOGUE

3 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

APACHE FIBER is a perimeter protection system with optical fiber suitable for the detection of intrusion fence. It uses optophonic technology for the detection of all those typical of intrusion attempts like climb, cut or break through the fence.

TECHNICAL FEATURES:

The advantages of the technology of using fiber optics technology in the field of intrusion detection on fences perimeter are: reliability of detection, possibility to make considerable distances without intermediate power supplies, total immunity to interference due to lightning discharges, also particularly suitable for the protection of sites with corrosive atmospheres or explosive as the optical fiber cannot cause fire.

COMPONENTS

APACHE FIBER 1 Zone	APACHE-FIBER-CU1	€ 3000,00
	Fiber optic Controller (1 PCB) including IP65 box, 1 zone, up to 1km. The analyzer evaluates difference between transmitted and received light through optophonic technology. The signal, duly filtered out and processed, generates cut or climbing alarm. The controller unit is provided with stainless IP65 box and power supply.	

APACHE FIBER 2 Zones	APACHE-FIBER-CU2	€ 5500,00

Fiber optic Controller (2PCB) including IP65 box, 2 zones, up to 2km. The analyzer evaluates difference between transmitted and received light through optophonic technology. The signal, duly filtered out and processed, generates cut or climbing alarm. The controller unit is provided with stainless IP65 box and power supply.

APACHE FIBER CABLE	APACHE-FIBER-CABLE	€ 7,00

Sensitive fiber optic cable, UV resistant, for fence protection (cost per meter). Note: Maximum length of cable reel: 1000m.

APACHE FIBER LEAD	APACHE-FIBER-LEAD	€ 8,00

Non-sensitive fiber optic cable, UV resistant (cost per meter). Note: Maximum length of cable reel: 1000m.

ACCESSORIES

APACHE FIBER KIT Connector and Termination	APACHE-F-TERMKIT	€ 89,00

Fiber optic termination kit for connector SMA905 (both TX and RX).

APACHE FIBER KIT Junction and Repair	APACHE-F-SPLICEKIT	€ 120,00

Fiber optic junction and repair kit, for Apache-fiber-cable and lead-cable (accessory).

APACHE FIBER TOOL	APACHE-FIBER-TOOL	€ 4000,00

Fiber optic termination tool for connector SMA905.

SPARE PARTS

APACHE FIBER CONTROLLER	APACHE-F-CONTROLLER	€ 2500,00

Fiber optic Controller (only PCB board), 1 zone, up to 1km. The analyzer evaluates difference between transmitted and received light through optophonic technology. The signal, duly filtered out and processed, generates cut or climbing alarm. For outdoor application the analyzer must be sheltered in a box (not included).

BLACK-FEET

IP-READY PoE | ANALOGUE | 2 YEAR WARRANTY

Blackfeet cable is a magneto phonic linear sensor cable specifically designed to provide high performance intruder detection capability when deployed on fences or other barriers like wall used to define the perimeter of a secure site.

TECHNICAL FEATURES:

Blackfeet cable is sophisticated and easy to install - Can be supplied to site in kits 50/100/150/200/300m (including: analyser, cable, ties, end of line) - Backfeet cable sensor operates as a linear induction generator whereby precision-made concentric conductors within the sensor are arranged to vibrate within a static magnetic field generated by flexible ceramic magnetic profiles - Mechanical vibrations resulting from intrusion activity are coupled into the sensor through direct contact between the sensor and the protected structure (fence, wall, railing, etc).

BF-KIT050	BF-KIT050	€ 1600,00

Kit 50m that includes: 1 control unit, 50m BLACKFEET cable, 1 end of line, 300 UV resistent ties. Power supply 13,8Vdc. Consumption: 45mA. Output: alarm and tamper

BF-KIT100	BF-KIT100	€ 1950,00

Kit 100m that includes: 1 control unit, 100m BLACKFEET cable, 1 end of line, 500 UV resistent ties. Power supply 13,8Vdc. Consumption: 45mA. Output: alarm and tamper

BF-KIT150	BF-KIT150	€ 2200,00

Kit 150m that includes: 1 control unit, 150m BLACKFEET cable, 1 end of line, 800 UV resistent ties. Power supply 13,8Vdc. Consumption: 45mA. Output: alarm and tamper

BF-KIT200	BF-KIT200	€ 2550,00

Kit 200m that includes: 1 control unit, 200m BLACKFEET cable, 1 end of line, 1000 UV resistent ties. Power supply 13,8Vdc. Consumption: 45mA. Output: alarm and tamper

BF-KIT300	BF-KIT300	€ 3050,00

Kit 300m that includes: 1 control unit in a metal box IP65, 300m BLACKFEET cable, 1 end of line, 1500 UV resistent ties. Power supply 13,8Vdc 45mA. Output: alarm and tamper

ACCESSORIES

BF-JBOX	BF-JBOX	€ 100,00

BLACKFEET junction box IP65 metal box

BF-LEAD	BF-LEAD	€ 100,00
BLACKFEET dead cable UV resistent reel 50m		

BF-GATEKIT	BF-GATEKIT	€ 420,00
	Gate loop kit for hinged gate (1 for each door)	

BF-GATEKEY	BF-GATEKEY	€ 440,00
	Complete kit for key bypass of gate zone, provided with IP65 metal box.	

BF-GATERELAY	BF-GATERELAY	€ 440,00
	Complete kit for relay bypass for gate zone, provided with IP65 metal box.	

BF-CLIP	BF-CLIP	€ 36,00
	Wall fix metal saddle 7mm for BLACKFEET cable (100 per package)	

SPARE PARTS

BF-CU	BF-CU	€ 1300,00
BLACKFEET contro unit in metal box IP65. Power supply 13,8Vcc 45mA. Output: alarm and tamper		

BF-TERM	BF-TERM	€ 80,00
	BLACKFEET end of line IP65 diameter 26mm x 75mm	

BF-CABLE050	BF-CABLE050	€ 330,00
BLACKFEET magnetofonic cable UV resistent reel 50m		

BF-CABLE100	BF-CABLE100	€ 660,00
BLACKFEET magnetofonic cable UV resistent reel 100m		

FENCE SYSTEMS

BF-CABLE150	BF-CABLE150	€ 890,00
BLACKFEET magnetofonic cable UV resistent reel 150m		
BF-CABLE200	BF-CABLE200	€ 1300,00
BLACKFEET magnetofonic cable UV resistent reel 200m		
BF-CABLE300	BF-CABLE300	€ 1800,00
BLACKFEET magnetofonic cable UV resistent reel 300m		

NEWTON LIGHT

100% INFRARED | ANALOGUE | 2 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section "Accessories" at page 77.

New range of active infrared barriers with triple optics and ranges up to 200m. This model is characterized by an extremely competitive price and proven field reliability even in adverse weather conditions. A special filter for sunlight protection allows the barrier to function well even with direct illumination up to 50.000 lux; a set of micrometer screws, display and buzzer on board allow the installer to make settings and easy adjustments with a very high precision. It is possible to select up to 8 different frequencies for multiple mounting and at the same time adjust the interruption time between 50 and 250msec.

TECHNICAL FEATURES:

Range up to 200m, detection mode: 3 lenses interruption, IR beam with digital impulse 8 frequency channels, interruption time from 50 to 250msec, power supply: 12Vdc 100mA, protection grade: IP55, working temperature: from -25° to +55°C, optical adjustment: 180 ° horizontal -20 ° vertical.

NEWTON LIGHT 50m	NEWTON-L50	€ 250,00
Tri-optics infrared barrier (complete TX+RX), stand alone version for 50m, 8 frequency channels.		

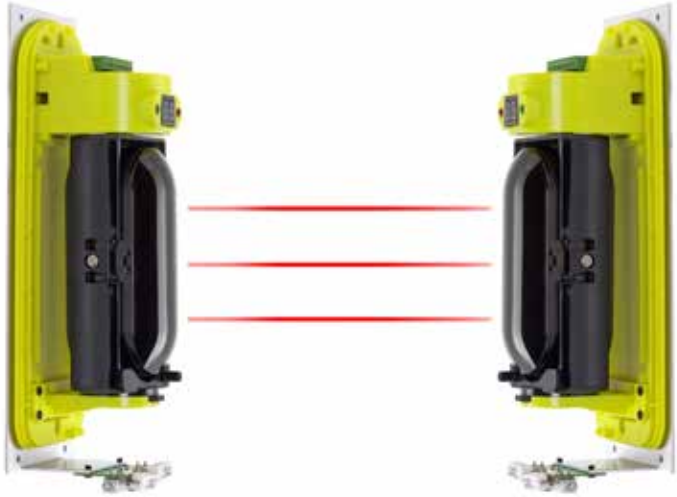
NEWTON LIGHT 100m	NEWTON-L100	€ 275,00
Tri-optics infrared barrier (complete TX+RX), stand alone version for 100m, 8 frequency channels.		

INFRARED BARRIERS

NEWTON LIGHT 200m	NEWTON-L200	€ 350,00

Tri-optics infrared barrier (complete TX+RX), stand alone version for 200m, 8 frequency channels.

Tower version



KIT NEWTON LIGHT 50m	NEWTON-LKIT50	€ 260,00

Complete set tri-optics infrared (TX+RX) 50m range, 8 frequency channels. Kit for towers HT configuration including thermostat and heaters

KIT NEWTON LIGHT 100m	NEWTON-LKIT100	€ 290,00

Complete set tri-optics infrared (TX+RX) 100m range, 8 frequency channels. Kit for towers HT configuration including thermostat and heaters

KIT NEWTON LIGHT 200m	NEWTON-LKIT200	€ 340,00

Complete set tri-optics infrared (TX+RX) 200m range, 8 frequency channels. Kit for towers HT configuration including thermostat and heaters

NEW NEWTON PLUS

100% INFRARED

2 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Tower version

Outdoor active "hybrid" infrared barriers for long distances.

TECHNICAL FEATURES:

Range 50, 100 and 200 mt - Optical incorporated in each optic and electronic thanks to buzzer and led - Note: Any optic is both TX and RX - Example list for 2m high barrier provided with 8 IR beams, range 100m: TOWER HT2 = Qty. 2 - TOWER BASE = Qty. 2 - NEWTONPLUS4100 = Qty. 4 - NEWTON ALIM = Qty. 2 - NEWTONFLAT = Qty. 1

NEWTON PLUS-3 50	NEWTONPLUS3050	€ 566,00	NEW

Kit 3 hybrid optics 50m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

NEWTON PLUS-3 100	NEWTONPLUS3100	€ 599,00	NEW

Kit 3 hybrid optics 100m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

INFRARED BARRIERS

NEWTON PLUS-3 200	NEWTONPLUS3200	€ 676,00	*NEW*

Kit 3 hybrid optics 200m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

NEWTON PLUS-4 50	NEWTONPLUS4050	€ 613,00	*NEW*

Kit 4 hybrid optics 50m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

NEWTON PLUS-4 100	NEWTONPLUS4100	€ 656,00	*NEW*

Kit 4 hybrid optics 100m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

NEWTON PLUS-4 200	NEWTONPLUS4200	€ 734,00	*NEW*

Kit 4 hybrid optics 200m, electronic board, thermostat, heater, Disqualification, audio/visual alignment instrument integrated, 4 channels (Kit for the composition in the column.)

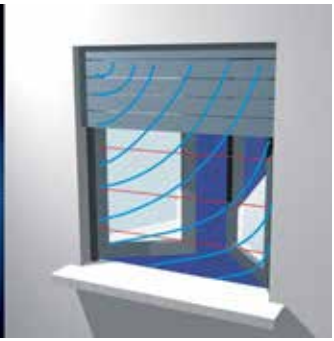
ACCESSORIES

NEWTON FLAT	NEWTONFLAT	€ 30,00

PC connection cable for NEWTON PLUS (1,6m)

DARWIN DT

2TECH | ANALOGUE | 2 YEAR WARRANTY



Dual technology barrier, active infrared + mini doppler.

TECHNICAL FEATURES:

Range 3 and 6 meters for outdoor - Dimensions 22,5 X 23 mm - Plug & Play, wall installation, complete aluminium structure, black colour - Including: wall tamper, anti-insect function and automatic aligment test - Warning: Real lenght of the product is 80mm more than the mentioned dimensions.

DARWIN - RANGE 3 M

DARWINDT302	DARWINDT302	€ 244,00
DT barrier, 2 IR beams + mini doppler, black colour, range 3 m for window coverage from 0,5 m		
DARWINDT304	DARWINDT304	€ 270,00
DT barrier, 4 IR beams + mini doppler, black colour, range 3 m for window coverage from 1 m		
DARWINDT306	DARWINDT306	€ 342,00
DT barrier, 6 IR beams + mini doppler, black colour, range 3 m for window coverage from 1,5 m		
DARWINDT308	DARWINDT308	€ 426,00
DT barrier, 8 IR beams + mini doppler, black colour, range 3 m for window coverage from 2 m		

INFRARED BARRIERS

DARWINDT302SP	DARWINDT302SP	€ 262,00

DT barrier, 2 IR beams + mini doppler, black colour, range 3 m for window coverage from 0,5 m.
Note: 0,5 m empty bar to adjust to required height.

DARWINDT304SP	DARWINDT304SP	€ 331,00

DT barrier, 4 IR beams + mini doppler, black colour, range 3 m for window coverage from 1 m.
Note: 0,5 m empty bar to adjust to required height.

DARWINDT306SP	DARWINDT306SP	€ 410,00

DT barrier, 6 IR beams + mini doppler, black colour, range 3 m for window coverage from 1,5 m.
Note: 0,5 m empty bar to adjust to required height.

DARWIN - RANGE 6 M

DARWINDT602	DARWINDT602	€ 256,00

DT barrier, 2 IR beams + mini doppler, black colour, range 6 m for window coverage from 0,5 m

DARWINDT604	DARWINDT604	€ 282,00

DT barrier, 4 IR beams + mini doppler, black colour, range 6 m for window coverage from 1 m

DARWINDT606	DARWINDT606	€ 354,00

DT barrier, 6 IR beams + mini doppler, black colour, range 6 m for window coverage from 1,5 m

DARWINDT608	DARWINDT608	€ 438,00

DT barrier, 8 IR beams + mini doppler, black colour, range 6 m for window coverage from 2 m

DARWINDT602SP	DARWINDT602SP	€ 274,00

DT barrier, 2 IR beams + mini doppler, black colour, range 6 m for window coverage from 0,5 m.
Note: 0,5 m empty bar to adjust to required height.

DARWINDT604SP	DARWINDT604SP	€ 343,00

DT barrier, 4 IR beams + mini doppler, black colour, range 6 m for window coverage from 1 m.
Note: 0,5 m empty bar to adjust to required height.

DARWINDT606SP	DARWINDT606SP	€ 422,00

DT barrier, 6 IR beams + mini doppler, black colour, range 6 m for window coverage from 1,5 m.
Note: 0,5 m empty bar to adjust to required height.

INFRARED BARRIERS

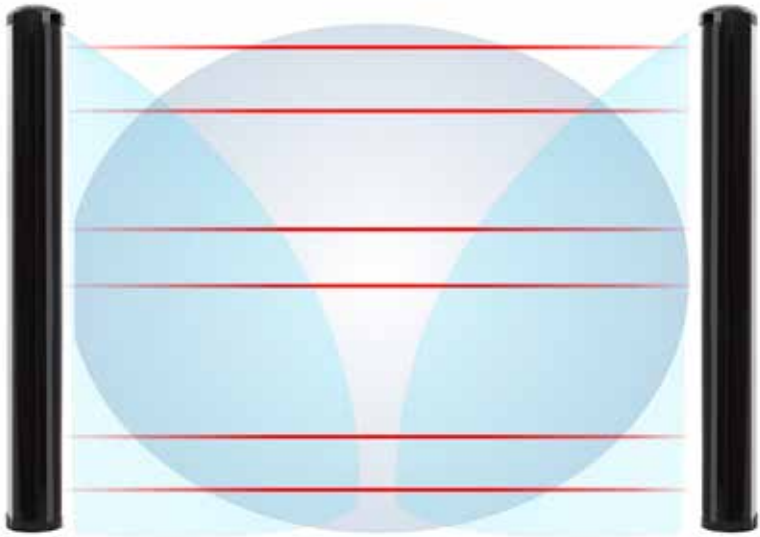
SPARE PARTS

MEC-DARWIN 02B	MEC-DARWIN02B	€ 80,00
Pair of complete mechanical parts 50 cm. Color black.		
MEC-DARWIN 04B	MEC-DARWIN04B	€ 100,00
Pair of complete mechanical parts 1 mt. Color black.		
MEC-DARWIN 06B	MEC-DARWIN06B	€ 125,00
Pair of complete mechanical parts 1,5 mt. Color black.		
MEC-DARWIN 08B	MEC-DARWIN08B	€ 145,00
Pair of complete mechanical parts 2 mt. Color black.		
MW DT 03	MWDT03	€ 97,00
	Mini mW Doppler detector for dual tech with IR barriers Darwin. Range 3m, color black.	
MW DT 06	MWDT06	€ 109,00
	Mini mW Doppler detector for dual tech with IR barriers Darwin. Range 6m, color black.	

PYTHAGORAS 3.0

2/3 TECH | IP-READY | FUZZY LOGIC INSIDE | 2 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.



Multiple technology Digital Barrier with Fuzzy logic analysis of the signal and of the integration between the technologies.

TECHNICAL FEATURES:

Brand new microprocessor able to obtain even more efficient analysis, new infrared optics that improve detection characteristics, possibility to adjust in a different way Dopplers for protection of dead zones (only on version 3 TECH), FULL models already equipped with extra middle infrared optic.

PYTHAGORAS 3.0 100m	PYTHAGORAS3100	€ 3890,00

Double technology barrier for 100m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 100 comprises: 2 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 1 pcb with microprocessor for integration and analysis. Note: Anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

MULTITECH BARRIERS

PYTHAGORAS 3.0 160m	PYTHAGORAS3160	€ 4300,00

Double technology barrier for 160m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 160 comprises: 2 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 1 pcb with microprocessor for integration and analysis. Note: Anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

PYTHAGORAS 3.0 100m FULL	PYTHAGORAS3X100	€ 4840,00

Double technology barrier for 100m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 100 comprises: 3 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 1 pcb with microprocessor for integration and analysis. Note: Extra Bi-optic IR and anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

PYTHAGORAS 3.0 160m FULL	PYTHAGORAS3X160	€ 5240,00

Double technology barrier for 160m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 100 comprises: 3 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 1 pcb with microprocessor for integration and analysis. Note: Extra Bi-optic IR and anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

PYTHAGORAS 3.0 3TECH 100m	PYTHAGORAS33T100	€ 4150,00

Triple technology barrier for 100m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 3 Tech 100 comprises: 2 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 2 dopplers and 1 pcb with microprocessor for integration and analysis. Note: Anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

PYTHAGORAS 3.0 3TECH 160m	PYTHAGORAS33T160	€ 4560,00

Triple technology barrier for 160m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 3 Tech 160 comprises: 2 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 2 dopplers and 1 pcb with microprocessor for integration and analysis. Note: Anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the"Accessories" section below.

PYTHAGORAS 3.0 3TECH 100m FULL	PYTHAGORAS33TZ100F1	€ 5100,00

Triple technology barrier for 100m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 3 Tech 100 comprises: 3 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 2 dopplers and 1 pcb with microprocessor for integration and analysis. Note: Extra Bi-optic IR and anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the "Accessories" section below.

PYTHAGORAS 3.0 3TECH 160m FULL	PYTHAGORAS33TZ160F1	€ 5490,00

Triple technology barrier for 160m, completely pre-assembled. Provided with 2 towers 2m high, covers with tamper and anti-climbing. PYTHAGORAS 3 Tech 160 comprises: 3 bi-optic active IR barriers provided with heaters, 1 digital mw barrier, 2 dopplers and 1 pcb with microprocessor for integration and analysis. Note: Extra Bi-optic IR and anti-climbing kit already included. 2 qty. of TOWER BASE and 2 qty. of power supply kit NEWTON ALIM are not included. See the "Accessories" section below.

SPARE PARTS

PYTHA-MWKIT100F1	PYTHA-MWKIT100F1	€ 1690,00

Complete set TX & RX of microwave 100m for Pythagoras (support base and junction not included).

PYTHA-MWKIT160F1	PYTHA-MWKIT160F1	€ 1999,00

Complete set TX & RX of microwave 160m for Pythagoras (support base and junction not included).

PYTHAGORAS DOPPLER	PYTHAGORASDOP	€ 140,00

Additional MW microwave module based on Doppler technology for integration of the 3rd technology.

MURENA PLUS

100% MICROWAVE | IP-READY PoE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

Murena is a remotely controlled digital microwave transceiver from CIAS Labs, based on Fuzzy Logic Analysis for outdoor protection as facades, balconies, terraces, entrances, etc The modulation of frequencies makes Murena capable to understand if the target is moving in, moving out, static, etc. making a real target much more distinguishable from environmental disturbances.

TECHNICAL FEATURES:

Provided with interface for alarm collection on serial bus (RS485) or over IP PoE (IP-DOORWAY-S) - It is possible to remotely control the device with the software WAVE-TEST 2 - MURENA PLUS can be collected directly to IB-SYSTEM and CIAS SUPERVISOR as for the other digital model such as CORAL PLUS, Manta and Ermo 482X Pro.

MURENA 12 PLUS	MURENAPLUS	€ 510,00

Digital transceiver range 12m based on Fuzzy Logic analysis, remote control (parameters setting through dip-switch or by the software WAVETEST2). Provided with output relays and serial port RS 485.

MURENA PLUS CURTAIN 12	MURENAPLUS-C	€ 550,00

Digital transceiver with special"curtain" coverage antenna, range 12m based on Fuzzy Logic analysis, remote control (parameters setting through dip-switch or by the software WAVETEST2). Provided with output relays and serial port RS 485.

MURENA PLUS 24	MURENAPLUS24	€ 610,00

Digital transceiver range 24m based on Fuzzy Logic analysis, remote control (parameters setting through dip-switch or by the software WAVETEST2). Provided with output relays and serial port RS 485.

ACCESSORIES

MURENA-RS	MURENA-RS	€ 38,00
Kit MURENA rain shield and extra back cover		

SPARE PARTS

MURENA-MEC	MURENA-MEC	€ 60,00
Complete empty case for Murena (MURENA-RS not included)		
KIT MURENA PLUS	MURENAPLUS-EL	€ 330,00
Assistance kit for MURENA PLUS 12m (Includes electronic and mw parts)		
KIT MURENA CURTAIN	MURENAPLUS-EL-C	€ 364,00
Assistance kit for MURENA PLUS 12m CURTAIN (Includes electronic and mw parts)		
KIT MURENA PLUS 24	MURENAPLUS-24-EL	€ 539,00
Assistance kit for MURENA PLUS 24m (Includes electronic and mw parts)		

AQUARIUS

ANALOGUE | 2TECH | 2 YEAR WARRANTY

Outdoor sensor with double technology: microwave doppler plus infrared.

TECHNICAL FEATURES:

Aquarius XL is solid and reliable to be installed in all sites requiring protection up to 12m range - Aquarius XS instead can reach up to 8m protection area - Thanks to its standard accessories, this model can be mounted on a wall or ceiling, both parallel to the wall and with various tilt angles with respect to the wall or the ground.

AQUARIUS-XS	AQUARIUS-XS	€ 125,00
	Double Technology Curtain Sensor (MW+IR) 8m	

AQUARIUS-XL	AQUARIUS-XL	€ 149,00
	Double Technology Curtain Sensor (MW+IR) 12m	

ACCESSORIES

AQ-PET	AQ-PET	€ 5,00
	Blinding lens for discrimination of small animals for Aquarius	

AQ-WALL	AQ-WALL	€ 13,00
	Disassemblable Joint for wall/ceiling installation of Aquarius	

AQ-TAMPER	AQ-TAMPER	€ 2,00
	Tamper kit for AQ-WALL	

CENTURION

FUZZY LOGIC INSIDE | 100% MICROWAVE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.

CENTURION is the new mono-head microwave bringing innovation and simplicity in the field of perimeter protection.

TECHNICAL FEATURES:

With the experience gained from the dual doppler technology, already used for the MURENA product, and the combination of this with Fuzzy Logic Analysis, we are able to analyze, with a coverage of 100m, all unwanted movements generated in the area.

CENTURION BASE	CENTURION	€ 2000,00
Digital mono-head detector range 100m with fuzzy logic analysis		

ALFA

100% MICROWAVE

2 YEAR WARRANTY

Doppler detector.

TECHNICAL FEATURES:

Range 15 mt - Consumption 30 mA - Anti-masking, stand-by and 100 hz filter - Dimensions: 62 x 80 x 36 mm - Weight: 0,13 Kg - Alfa is not affected by heating and/or lighting sources.

ALFA	ALFA	€ 79,00
Doppler detector for indoor use		

ALFA (tampered)	ALFA.	€ 104,00
Doppler detector for indoor use provided with anti removal tamper		

MMD-SYSTEM

100% MICROWAVE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

MMD System is a portable protection system using microwave barriers that create invisible detection zones for temporary surveillance of sites considered at risk. Each intrusion attempt into the protected area is detected by the barriers, which immediately sends a radio signal to the MMD control panel located in a guard room or wherever the designated control centre is located.
ATTENTION!: Tripods provided only in black color.

TECHNICAL FEATURES:

Configuration for a 4 side perimeter : Qty. 4 MMD-ERMO482X PRO - Qty. 1 MMD-CUIB - Qty. 2 MMD-MASTER - Qty. 2 MMD-SLAVE.

MMD-ERMO482X PRO	MMD	€ 7750,00
	Digital microwave barrier (Tx + Rx) with tripods system (black colour), armoured cable and military connectors, flight case. Range 200 mt.	

MMD-CUIB	MMD-CUIB	€ 4182,00
	Portable control unit provided with auxiliary output for connection to IB-SYSTEM RACK. Battery, battery charger, Radio kit and transport box included.	

MMD-MASTER	MMD-MASTER	€ 3843,00
	Battery and radio pack in miltary enclosure to be connected to 1 or 2 receivers, flight case.	

MMD-SLAVE	MMD-SLAVE	€ 2583,00
	Battery pack in miltary enclosure to be connected to 1 or 2 transmitters, flight case.	

SPECIAL APPLICATION

ACCESSORIES

MMD-IB-SYSTEM RACK	MMD-IBSYSTEMR	€ 4350,00
IB System rack for Connection with MMD-CU IB-SYSTEM		
MMD-ANTENNA	MMD-ANTENNA	€ 50,00
Special antenna for extra range. Direct connection on MMD-CU and MMD-MASTER.		
MMD-MAGNET	MMD-MAGNET	€ 105,00
Magnetic base provided with 3,5m of cable for external positioning of the antenna for MMD-CU.		

SPARE PARTS

MMD-ERMO482X PRO RX	MMDERMO482XPRORXF1	€ 965,00
Microwave cavity RX and complete electronic board for Ermo 482X Pro portable version		
MMD-ERMO482X PRO TX	MMDERMO482XPROTXF1	€ 950,00
Microwave cavity TX and complete electronic board for Ermo 482X Pro portable version		

MMD-CENTURION

100% MICROWAVE | FUZZY LOGIC INSIDE | 6 YEAR WARRANTY

CENTURION is the new mono-head microwave bringing innovation and simplicity not only to the field of temporary perimeter protection. With the experience gained from the dual doppler technology, already used for the MURENA product, and the combination of this with Fuzzy Logic Analysis, we are able to analyze, with a coverage of 100m, all unwanted movements generated in the area.

TECHNICAL FEATURES:

The configuration MMD is suited for all those situations requiring a good level of security quickly and easily making it ideal for applications in military sites, monitoring centers, V.I.P. protection, construction sites, etc. - It is monitored remotely via a central radio unit that can manage the setup and collection of alarms from up to 32 devices.

MMD-CENTURION	MMD-CENTURION	€ 7500,00
Portable mono-head detector 100m with transport box and field radio power support		

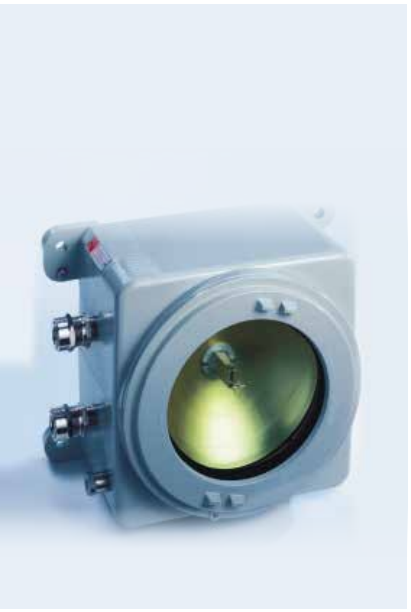
MMD-CENTURION-CU	MMD-CENTURION-CU	€ 4182,00
Portable control unit for MMD-CENTURION, setting up and management and transport box		

SPECIAL APPLICATION

EXPLOSION PROOF

100% MICROWAVE | FUZZY LOGIC INSIDE | IP-READY PoE | 6 YEAR WARRANTY

NOTE: All needed accessories, such as: posts, brackets, softwares, power supply, tools, etc., are listed in the dedicated section “Accessories” at page 77.



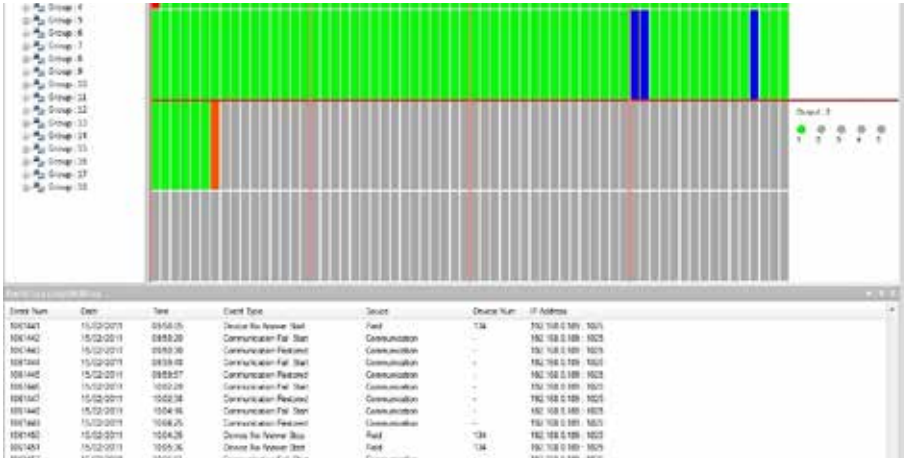
Microwave barriers in special explosion proof housing.
TECHNICAL FEATURES:
CESI 01 ATEX 036 - II 2GD T6 85°C IP66.

ERMO482XPRO 3.0 60M EP	ERMOANTIX3PRO60	€ 4424,00
Intelligent Microwave barrier. Range 60 mt.		

ERMO482XPRO 3.0 100M EP	ERMOANTIX3PRO100	€ 4579,00
Intelligent Microwave barrier. Range 100 mt.		

IB-SYSTEM-IP

6 YEAR WARRANTY



IB-System IP is the new revolutionary integration server from CIAS' labs for the complete management of up to 1280 different sensors. This pc based solution offers complete support in terms of set up, maintenance and general management of all field sensors via an Ethernet connection. IB-System IP provides up to 10 different output groups, each one able to communicate with 5 different protocols, giving the operator the possibility to acquire and integrate both CIAS' protocol and 5 alternative communication protocols simultaneously.

TECHNICAL FEATURES:

Thanks to the free SDK license, IB-SYSTEM IP is already compatible with some of the most well known brands of the market such as MILESTONE, GENETEC, ARTECO, CORTECH, BACnet, VIDEOTEC, GEUTEBRUECK, LENEL, etc. - Furthermore, the IB-SYSTEM IP is 100% compatible with the IB-SYSTEM-RACK dry-contact outputs (IB-ISLAND-8) - VERY FAST FIELD RESPONSE - UP TO 1280 DEVICES - SCALABLE FROM 32 UP TO 1280 DEVICES - VERY LOW BAND OCCUPANCY: MAX 20 Kb - HOT BACK-UP.

IB-SYSTEMIP8	IB-SYSTEMIP8	€ 800,00
Software for polling and alarms collection over TCP/IP with a maximum capacity up to 8 devices.		

IB-SYSTEMIP16	IB-SYSTEMIP16	€ 1500,00
Software for polling and alarms collection over TCP/IP with a maximum capacity up to 16 devices.		

DATA COLLECTION SYSTEMS

IB-SYSTEMIP32	IB-SYSTEMIP32	€ 3000,00

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 32 devices.

IB-SYSTEMIP64	IB-SYSTEMIP64	€ 6000,00

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 64 devices.

IB-SYSTEMIP96	IB-SYSTEMIP96	€ 9000,00

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 96 devices.

IB-SYSTEMIP128	IB-SYSTEMIP128	€ 12000,00

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 128 devices.

IB-SYSTEMIP224	IB-SYSTEMIP224

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 224 devices. (Prices on demand)

IB-SYSTEMIP320	IB-SYSTEMIP320

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 320 devices. (Prices on demand)

IB-SYSTEMIP512	IB-SYSTEMIP512

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 512 devices. (Prices on demand)

IB-SYSTEMIP704	IB-SYSTEMIP704

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 704 devices. (Prices on demand)

IB-SYSTEMIP896	IB-SYSTEMIP896

Software for polling and alarms collection over TCP/IP with a maximum capacity up to 896 devices. (Prices on demand)

IB-SYSTEMIP1280	IB-SYSTEMIP1280	
Software for polling and alarms collection over TCP/IP with a maximum capacity up to 1280 devices. (Prices on demand)		
IB-SYSTEMIPTWIN32	IB-SYSTEMIPTWIN32	€ 1200,00
Twin software for IB-SYSTEMIP32 hot back-up		
IB-SYSTEMIPTWIN64	IB-SYSTEMIPTWIN64	€ 2400,00
Twin software for IB-SYSTEMIP64 hot back-up		
IB-SYSTEMIPTWIN96	IB-SYSTEMIPTWIN96	
Twin software for IB-SYSTEMIP96 hot back-up		
IB-SYSTEMIPTWIN128	IB-SYSTEMIPTWIN128	
Twin software for IB-SYSTEMIP128 hot back-up (Prices on demand)		
IB-SYSTEMIPTWIN224	IB-SYSTEMIPTWIN224	
Twin software for IB-SYSTEMIP224 hot back-up (Prices on demand)		
IB-SYSTEMIPTWIN320	IB-SYSTEMIPTWIN320	
Twin software for IB-SYSTEMIP320 hot back-up (Prices on demand)		
IB-SYSTEMIPTWIN512	IB-SYSTEMIPTWIN512	
Twin software for IB-SYSTEMIP512 hot back-up (Prices on demand)		

ACCESSORIES

IB-SYSTEM IP - 1 device licence	IB-SYSTEMIP-CH	€ 100,00
1 device license for expansion existing IB-SYSTEM IP.		
IB-SYSTEM IP TWIN - 1 device License	IB-SYSTEMIPTWIN-CH	€ 40,00
1 device license for expansion existing IB-SYSTEM IP TWIN.		

DATA COLLECTION SYSTEMS

Plugin GENETEC	PLUGIN-GENETEC	

Plugin for protocol integration of IB-SYSTEM IP with GENETEC platform. Note: Price available on demand

Plugin MILESTONE	PLUGIN-MILESTONE	

Plugin for protocol integration of IB-SYSTEM IP with MILESTONE platform. Note: Price available on demand

Plugin GEUTEBRUCK	PLUGIN-GEUTEBRUCK	

Plugin for protocol integration of IB-SYSTEM IP with GEUTEBRUCK platform. Note: Price available on demand

Plugin LENEL	PLUGIN-LENEL	*NEW*

Plugin for protocol integration of IB-SYSTEM IP with LENEL platform. Note: Price available on demand. Warning: soon available

Plugin VIDEOTEC	PLUGIN-VIDEOTEC	

Plugin for protocol integration of IB-SYSTEM IP with VIDEOTEC platform. Note: Price available on demand

Plugin ARTECO	PLUGIN-ARTECO	

Plugin for protocol integration of IB-SYSTEM IP with ARTECO platform. Note: Price available on demand

WAVE-TEST IP	WAVETEST-IP	€ 516,00

Software for maintenance and setting via IP for Murena Plus, Manta, Ermo 482X Pro, Pythagoras, Coral Plus (User Licence). WARNING!: It only works in combination with IB-System IP.

IB-TEST IP	IB-TEST IP	€ 3000,00

Client software for test and synoptic of IB-System IP. WARNING!: It only works in combination with IB SYSTEM IP.

6 YEAR WARRANTY

Note: The products ERMO 482X Pro, MANTA, CORAL PLUS, PYTHAGORAS, MURENA PLUS and SIOUX can be directly connected to the IB-SYSTEM thanks to the RS-485 ports mounted on board. All the other models need to be interfaced through SATELLITE 1 I/O or 8IN device.

IB-SYSTEM RACK	IB-SYSTEM RACK	€ 3625,00

Complete pre-assembled Rack system composed by 1 Rack 19" 3U, 1 Back Panel with 4 slots, 1 IB-Server-R, 1 IB-Hub, 1 Ib-Island-8 and 1 power supply 3A, for the management of 8 barriers/devices. Max extension 64 barrierers/devices per rack with addition of modules IB-BACKPANEL2S and IB-ISLAND-8.

IB-SYSTEM RACK SMALL	IB-SYSTEM-RACK-16	€ 2870,00

Complete pre-assembled Rack system composed by 1 Rack 9,5" 3U, 1 BackPanel with 4 slots, 1 IB-Server-R16, 1 IB-Hub, 1 IB-Island-8 and 1 power supply 3A, for the management of 8 barriers/devices.Max extension 16 barrierers/devices per rack with addition of 1 module IB-ISLAND-8.

ACCESSORIES

IB-TEST

IB-TEST	€ 3000,00
SW for maintenance test and system synoptic. Can be used as Polling or monitoring mode.	

IB-FMCREP

IB-FMCREP	€ 525,00
Field Multimedia Converter provided with 5 ports RS 485 and 1 port RS 232 in aluminium case.	

IB-FMCREP-FO Multi Mode

IB-FMCREP-FO	€ 975,00
Field Multimedia Converter provided with 5 ports RS 485, 2 Multi-Mode Fibre Optic ports and 1 RS 232 port in aluminium case.	

IB-FO Multi Mode	IB-FO	€ 450,00
	Additional tool for integration on IB-HUB with 2 Multi-Mode fibre optic ports.	

IB-FMC REP FO Single Mode	IB-FMCREP-FO SM	€ 1170,00
	Field Multimedia Converter provided with 5 ports RS 485, 2 Single-Mode Fibre Optic ports and 1 RS 232 port in aluminium case.	

IB-FO Single Mode	IB-FO SM	€ 870,00
	Additional tool for integration on IB-HUB with 2 Single-Mode fibre optic ports.	

IB-FMCREP-ETH	IB-FMCREP-ETH	€ 975,00
	Field Multimedia Converter provided with 5 RS 485 ports, 1 Ethernet port and 1 RS 232 port in aluminium case.	

DATA COLLECTION SYSTEMS

IB-ETHERNET	IB-ETH	€ 450,00

"Add on" card for IB-Hub Upgrade. Includes ETHERNET port.

IB-ISLAND-8	IB-ISLAND-8	€ 1125,00

Serial Module Card 3U rack mountable endowed with 32 relays output to remotize all the alarms status (alarm, Fault, Tamper and no answer) of 8 barriers/devices.

IB-TERMINAL BLOCK	IB-TERMBLOCK	€ 85,00

Dedicated Terminal Block with 16 pins. Provided with 1,5m flat cable for IB-HUB e IB-ISLAND-8. Note: 1 IB-TERMINALBLOCK for each 2 barriers.

IB-TERMINAL BLOCK20	IB-TERMBLOCK20	€ 85,00

Terminal block with 20 pins for IB-SERVER-R. Provided with 1,5m flat cable. Note: 1 IB-TERMBLOCK20 for each IB-SYSTEM.

IB-BACK-PANEL 2S	IB-BACK-PANEL 2S	€ 30,00

Additional 2 slots Back panel. Note: 1 IB-BACKPANEL2S for 2 IB-ISLAND-8.

SATELLITE 1I/O	SATELLITE 1I/O	€ 99,00

Expansion card 1 INPUT and 1 OUTPUT analog. Card is made in a size which can fit any third parties' sensors, for integration of sensors with relays on RS-485 BUS. The card has 1 input for free setup in single, double or triple balanced line to RS485.

SATELLITE-8IN	SATELLITE-8IN	€ 130,00

Expansion card 8 analog INPUTS freely settable ON/OFF, on single, double or triple balanced line to RS485.

IB-EXTENSION	IB-EXTENSION	€ 2570,00

Complete pre-assembled Rack System Extension: It includes: 1 Rack 19" 3U, 1 Back Panel 4 slots, 1 Ib-Hub, 1 Ib-Island-8 e 1 Power Supply 3A, for the managind of 8 additional barriers/ devices. Max extension: 64 barriers/devices per Rack with the addition of modules IB BACK PANEL2S and IB-ISLAND-8.

BUSREP	BUSREP	€ 215,00

Field Bus repeater/converter for Serial Line RS-485-1 Input / 3 Output - naked version.

BUSREP1	BUSREP1	€ 299,00

Field Bus repeater/converter for Serial Line RS-485, 1 Input / 3 Output. Provided with box.

BUSREP2	BUSREP2	€ 220,00

Field Bus repeater/converter for Serial Line RS-485-1 Input / 3 Output - for installation on Omega bar.

DATA COLLECTION SYSTEMS

SPARE PARTS

IB-RACK	IB-RACK	€ 400,00

1 naked Rack 19" 3U, Back panel 4 slots and 1 power supply 3A.

IB-RACK SMALL	IB-RACK-MINI	€ 300,00

1 naked rack 9,5" 3U, back panel 4 slots and 1 power supply 3A.

IB-SERVER-R16	IB-SERVER-R16	€ 590,00

Server Board 3U rack mountable for polling and management of 16 barriers/devices max. Provides storage, print and remotization of events.

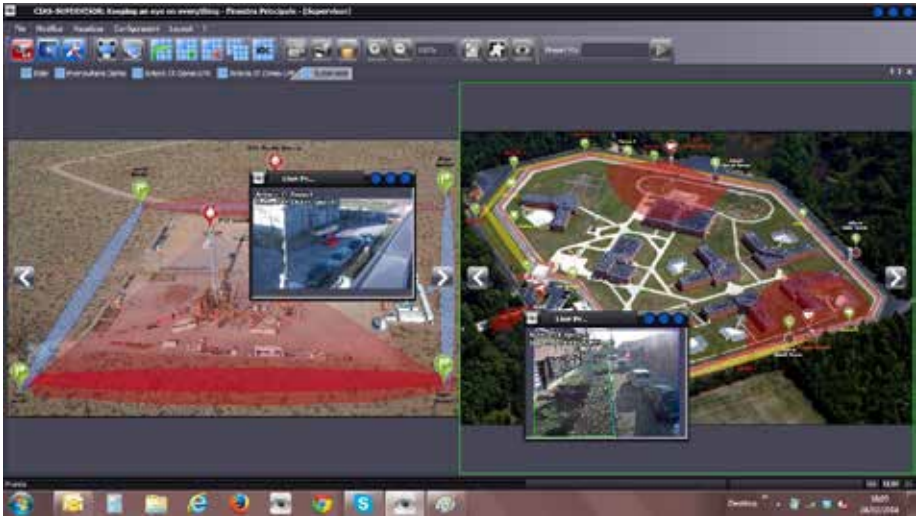
IB-HUB	IB-HUB	€ 1100,00

Communication Card 3U rack mountable endowed with 6 serial ports RS 485 and 2 RS 232 ports.

IB-SERVER-R	IB-SERVER-R	€ 1200,00

Server Board 3U rack mountable for polling and management of 64 barriers/128 device and the storage, print and remotization of events.

SUPERVISOR (SOFTWARE)



CIAS SUPERVISOR Software PRO is the ideal tool for simple and efficient applications over IP, allowing integration between CCTV and indoor or outdoor sensors. It's ideal for commercial offices and small business plants installations. It is designed to manage IP video sources (cameras and video-servers) of all major brands and it's compatible with ONVIF ™devices.

TECHNICAL FEATURES:

The system is a centralized Software multi Client with advanced Video analysis with object analytics, counting and more - It can manage various maps and apply PRIVACY filters with blur area - It allows simultaneous access by an unlimited number of clients - With Storage Failover and Server Hot Back-up, to be connected with IB-SYSTEM IP.

SUPERVISOR PRO (SOFTWARE)

SUPERVISOR SoftWare PRO	SUPERVISORSWPRO	**Price on demand**
Centralized Software multi Client with: 1 channel video PRO (compatible ONVIF™ and RSTP) - Advance motion detection with filters - multi map manager - privacy zone and blur area - unlimited multi client access - connectable to IB-SYSTEM IP. Optional Plug-in:- Storage failover- IB-SYSTEM IP (various sizes)		
CAMERA License PRO	CAM-PRO1	**€ 250,00**
1 video channel PRO license for SUPERVISORPRO		

SUPERVISION & CCTV INTEGRATION

SUPERVISOR ENTERPRISE (SOFTWARE)

SUPERVISOR SoftWare ENTERPRISE	SUPERVISORSWENT	Price on demand	

Centralized Software multi Client with: 1 channel video ENT (compatible ONVIF™ and RSTP) - Advance motion detection with filters, object analytics, counting, ecc.- multi map manager - privacy zone and blur area - unlimited multi client access - Storage Fail Over e Server Hot Backup - connectable to IB-SYSTEM IP. Optional Plug-in:- Hot back-up single video licence (CAM-FAILOVER)- IB-SYSTEM IP (various sizes)

CAMERA License ENT	CAM-ENT1	€ 375,00	

1 video channel ENT license for SUPERVISOR SW ENT

SUPERVISORSWENTFO	SUPERVISORSWENTFO	€ 1200,00	*NEW*

Hot back-up for supervisor enterprise server. Note: to be used only in conjunction with CAM-FAILOVER

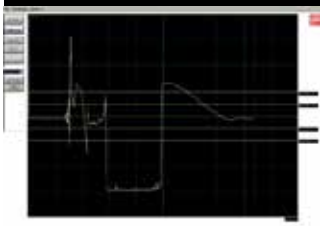
FAILOVER CHANNEL	CAM-FAILOVER	€ 99,00

Hot back-up 1 chanel video ENT

SINCE1974 CIAS

SOFTWARE

WAVE-TEST 2	WAVETEST2	€ 516,00



Software for maintenance and setting (User licence). 485/USB converter, (Murena Plus, Manta, Ermo 482X Pro, Pythagoras, Coral Plus).

SIOUX-TEST 2.0	SIOUX-TEST2	€ 516,00	*NEW*

Software for SIOUX setting up and remote maintenance. Note: new version with automatic check and final evaluation.

APACHE FIBER TEST	APACHE-FIBER-TEST	€ 516,00

Configuration Software for parameters fine tuning and operational check of Apache controller unit.

KIT-USB	KIT-USB	€ 190,00

485/USB Converter, serial flat cable and USB cable included

ACCESSORIES

ALIGNMENT & SETTINGS TOOLS

STC Light	STCLIGHT	€ 210,00

Instrument for alignment, setting and walk-test for all the CIAS analogue barriers in simplified version.

STC 95	STC 95	€ 564,00

Instrument for alignment, setting and walk-test for all the CIAS analogue barriers.

BRACKETS

WALL BRACKET	STAFFAMURO-C	€ 20,00

Wall bracket 10 cm for installation of Ermusa and Murena (single unit).

WALL BRACKET 30cm	STAFFAMURO-30C	€ 24,00

Wall bracket 30 cm for installation of ERMUSA or MURENA (single unit).

POLE BRACKET	STAFFAPALO	€ 32,00

Pole bracket 60 mm for installation on pole of ERMUSA and MURENA (single unit).

ACCESSORIES

MANTA SP15	MANTASP15	€ 70,00

Single stainless steel L bracket for MANTA with cable hole, Ø 40mm, base 12,5x12,5cm.

MANTA SP45	MANTASP45	€ 59,00

Stainless steel wall bracket for MANTA, length 45cm, ø 40mm and base 12,5x12,5cm. Provided with hole for internal passage of cables and useful for protections parallel to front walls (single unit). WARNING!: For wall installation not more than 50m.

PALINOX-KIT+	PALINOX-KIT+	€ 530,00

Pair of stainless steel poles (1200mm ø 60mm) and junction boxes (185x230x100mm). Weight: 10 Kg.

PALINOX+	PALINOX+	€ 245,00

Pair of stainless steel poles for all microwave barriers and sensor Murena. Pole Ø 60 mm, height pole 1,22 mt provided with hole for internal wiring. Weight: 5,4 Kg. Provided with ground clamping tool.

PALINOX-SD-SINGLE+	PALINOX-SD-SINGLE+	€ 145,00

Single stainless steel derivation box

PALINOX-SINGLE+	PALINOX-SINGLE+	€ 125,00

Single stainless steel pole, provided with hole for internal wiringØ 60mm

BRACKET ADAPTOR	AD-GANASCIA110	€ 25,00

Special adaptor for poles with ø 60/110 mm (single unit).It is mounted together with pole bracket. Color: grey.

WARRANTY: 2 YEARS	PALINOX-SD+	€ 285,00

Pair of stainless steel junction boxes (185x230x100mm). Weight: 4,6 Kg.

ACCESSORIES

MANTA SP90	MANTASP90	€ 70,00

Stainless steel pole ø 40 mm, height 90 cm provided with hole for internal passage of cables. Provided with incorporated base 12,5x12,5cm for surface application like cement or asphalt (single unit).

MANTA SP120	MANTASP120	€ 110,00

Pair of stainless steel poles ø40mm, height 120mm. Provided with underground clamping tool.

TR 30	TFN030VA2	€ 38,00

Transformer 19/220V - 30 VA with resetteble fuse. WARRANTY: 2 YEARS - WARNING: 2 pieces required for each barrier.

KIT TR 30	TFN030VA2 KIT	€ 368,00

Kit of 10 transformers 19/220V - 30 VA with resetteble fuse. WARRANTY: 2 YEARS.

CORAL-POWER	CORALPOWER	€ 110,00

Coral Power supply electronic board, 19 Vac, 24 Vac, 24 Vdc, to be installed inside the CORAL (the code is composed of 1 single unit but 2 units are needed for each barrier, to be matched also with TRTOR transformers). WARNING!: It is recommended for use in industrial sites where electromagnetic disturbances may especially occur.

TR TOR	TRTOR	€ 45,00

Toroidal transformer 230/19 Vac 30 VA.WARRANTY: 2 YEAR - WARNING: 2 pieces required for each barrier.

POWER SUPPLY	NEWTON ALIM	€ 140,00

Power supply kit 13,8 Vdc - 1,5A provided with bracket for fixing to Pythagoras tower, 1,2 Ah battery bracket. WARRANTY: 1 YEAR

IP-READY & POE

IP-DOORWAY PoE	IP-DOORWAY-S	€ 190,00

Power Over Ethernet IP interface (PoE 802.3 af) to make all CIAS digital sensors and barriers IP ready. Note: Small enough to fit into terminal block inside the head.

IP-DOORWAY 12V	IP-DOORWAY-C	€ 160,00

IP interface (13,8 Vdc) to make all CIAS digital sensors and barriers IP ready. Note: Small enough to fit into terminal block inside the head.

IP-DOORWAY-BASE	IP-DOORWAY-BASE	€ 30,00

Connection board for IP-DOORWAY-C or S.

IP REMOTE INTERFACE	QUASAR-IP-DOORWAY	€ 210,00

Integration module for tele-assistance OVER IP on digital barriers connected in serial RS-485.

TIES

TIES QTY.100	TIES100	€ 9,00

UV Resistant cable ties for fixing SIOUX, APACHE, BLACKFEET to the fence. (Qty. 100)

TIES QTY.500	TIES500	€ 45,00

UV Resistant cable ties for fixing SIOUX, APACHE, BLACKFEET to the fence. (Qty. 500)

TIES QTY.1000	TIES1000	€ 73,00

UV Resistant cable ties for fixing SIOUX, APACHE, BLACKFEET to the fence. (Qty. 1000)

TOWER High Tech 1 m	TOWER HT1	€ 320,00

New empty column with frontal cover opening for product NEWTON and PYTHAGORAS, height 1m (single unit). Note: Tower Base and Anti-climbing Kit not included (see codes below TOWER HT and TOWERAC).

TOWER High Tech 2m	TOWER HT2	€ 370,00

New empty column with frontal cover opening for product NEWTON and PYTHAGORAS, height 2m (single unit). Note: Tower Base and Anti-climbing Kit not included (see codes below TOWER HT and TOWERAC).

TOWER High Tech 3m	TOWER HT3	€ 585,00

New empty column with frontal cover opening for product NEWTON and PYTHAGORAS, height 3m (single unit). Note: Tower Base and Anti-climbing Kit not included (see codes below TOWER HT and TOWERAC).

ANTI CLIMBING KIT	TOWERAC	€ 39,00

Anti climbing kit for TOWER HT (provided with 2 switches)

TOWER BASE	TOWER BASE	€ 170,00

Metal base for TOWER HT

TOWER BASE2	TOWER BASE2	€ 210,00

Stainless steel tower square base (side 25cm) for column TOWER HT. Items can be ordered on demand with delivery times longer than standard

1. Return and shipping. Ownership rights.
1.1 Unless otherwise agreed, the supply of the Products is considered ex works and that is true also when it has been agreed upon that the shipping or part of it is taken care of by the seller.

1.2 The packing and the means of protection that are necessary in order to avoid damage or deterioration of the materials in normal conditions of transportation are included in the price of the Products. The Purchaser may request the type of packing necessary in relation to the requirements of transportation and conservation. This type of packing will be invoiced separately and may not be returned.

1.3 All risks pass to the Purchaser at the moment of the consignment of the merchandise to the first carrier, at the production plant of the seller.

1.4 Any complaints referring to the state of the packing, quantity, number or exterior features of the Products (evident flaws), must be notified to the seller by means of a Registered letter with acknowledgment of receipt, which are allowed within 15 days of the date of reception of the Products. Any complaints relative to defects that are not noticeable by means of diligent checking at the moment of being received (hidden flaws) must be notified to the seller by means of a Registered letter with acknowledgment of receipt, which are allowed within 15 days of the discovery of the defect and however, not beyond the terms of the warranty which article 4.2 refers to.

1.5 It is understood that any complaint or objection will not give the right to the purchaser to suspend or in any way delay the payments of the Products that are the subject matter of the complaint, nor of the payments of any other supplies.

1.6 The seller remains the owner of the Products until they have been paid for in full insofar as this is allowed by the law of the country in which the Products are found. The Purchaser agrees to lend assistance so as to take the necessary measures to protect the ownership rights of the seller. The ownership rights do not affect the passage of risk, which is disciplined in article 5.3.

2. Prices
2.1 Unless otherwise agreed, prices are considered to be ex works. Unless otherwise agreed in writing, not included in the price are insurance, shipping, any spare parts, replacements not covered by the warranty, assembly, commissioning, training or instruction courses, as well as any other accessory service or cost.

2.2 Prices are considered to be exclusive of VAT, of any taxes or surcharges, as well as duties, tax dues or penalties that the contract may possibly be subject to.

2.3 The party who intends to agree to a variable price may use the attached clause of price variability.

3. Payment conditions
3.1 In case of delayed payment in regard to the date that had been agreed upon, the purchaser will be obligated to correspond to the seller an interest on delayed payment equal to the official rate that is in vigour in the country of the seller, plus three percentage points.

3.2 The purchaser is not authorised to make any detraction from the agreed upon price (for example; for advance payment, or in cases of claimed defects of the Products), if prior written consent has not been obtained from the seller.

3.3 Should the seller have reason to believe that the purchaser cannot or does not intend to pay for the Products at the agreed upon date, he may subordinate the delivery of the Products to the presentation of adequate guarantees of payment (for example: surety bond or bank guarantees).

4. Warranty
4.1 The seller warrants the good construction of the Products, obligating himself, during the period of warranty that has been specified, to repair or to replace free of charge, those parts that, due to poor quality of the material or defect in workmanship or for imperfect refining (in the case that this has been done by the seller), are proven to be defective, as long as this does not depend upon natural wear, by breakdowns caused by inexperience or negligence of the purchaser, by environmental, electrical, climactic, chemical or physical conditions that are beyond the limits that are prescribed or foreseeable, by misuse or by interventions that have not been authorised by the seller. Excluded from warranty are the instruments that are supplied in unattached parts or which however have not been assembled, since the assembly may not have been made in complete compliance with the relevant technical instructions, as well as materials that are subject to wear.

4.2 Unless otherwise specified for the type of instrumentation or parts of instrumentation, the warranty period lasts 24 months from the date of delivery and ceases at the expiration of the term even if the Products have not been, for any reason, put into function. For the Products installed and/or put into function by the seller, the period lasts 12 months starting from the installation or commissioning, but it cannot however be longer than 18 months from the

date of delivery. For materials that are subject to intense and continuous wear (for example: monitors, power feeds) the term of warranty is reduced to six months.

4.3 The seller warrants the conformity of the Products to particular specifications or technical features or their suitableness to particular uses only insofar as such features have been expressly agreed upon in the contract or in documents that are specific to such ends in the contract itself.

4.4 The repairs and/or replacements under warranty will be made, at the choice of the seller, at its own mechanical workshops or in those of third parties or at the site itself. Any travel, transfer or personal expenses incurred by the personnel of the seller will be at the charge of the purchaser. For the work to be done on the site, the purchaser must supply at his expense and care to the personnel of the seller the means and the auxiliary personnel necessary. The parts that have been replaced will remain the property of the seller and must be returned by the purchaser free of any charges to the seller. All of the transportation relative to the operations done under warranty is at the purchaser's expense and at his own risk.

4.5 Except in the case of intentional or serious harm, the seller will be held, in case of flaws, lack of quality or defects of conformity of the Products, separately from the repair of them or from the substitution of the defective parts, to the conditions established in the present article. It is understood that the above mentioned obligation extends over and replaces the warranties of liabilities of any kind foreseen by law (for example: for flaws, lack of quality or defects in the conformity of the Products), and excludes any other liability of the seller (both contractual and extra-contractual) however referable to defects, lack of quality or non-conformity of the Products supplied (for example: retribution of the damage for the stopping of the plant, for lack of earnings, etc.).

5. Documentation
5.1 The Products will be furnished with standard documentation of the seller. Any documentation needs that are different from the standard ones of the seller must be expressly agreed upon.

5.2 The drawings and the technical documentation, as well as any software programs, made available by the seller, before or after the stipulation of the contract, remain the property of the seller. The purchaser may use them solely for the installation, the assembly, the use and the maintenance of the Products. They may not be used in any other fashion nor, in particular, copied, transmitted or communicated to third parties, and not with the consent of the seller.

6 Force majeure
6.1 Each party may suspend the execution of his contractual obligations when such execution is made impossible or unreasonably burdensome by an impediment that is independent from his will, such as strikes, boycotts, closures, fires, war (declared or not), civil war, uprisings and revolutions, natural disasters, requisitions, embargos, energy interruptions, delay in consignment of components or of primary materials. Any such circumstances of the sort indicated above that take place before the conclusion of the contract will give the right to the suspension of the contract only if the consequences of the execution of the contract could not have been foreseen at the moment of the conclusion of the contract itself.

6.2 The parties that wish to take advantage of the present clause must notify immediately to the other party the taking place and the cessation of the circumstances of force majeure.

6.3 Should the suspension due to force majeure last longer than 120 days, each party will have the right to resolve the present contract, through an advance notice of 30 days, which must be notified to the other party in written form.

7. Governing laws and Court of jurisdiction
7.1 The Contract is governed by Italian law. If the purchaser has its main offices outside of Italy, United Nations' Convention on contracts of international sales, signed in Vienna on 11 April 1980, shall apply in particular.

7.2 The Court of the seller shall be exclusively competent for any dispute that derives from the Contract, or is connected in any way to it, yet, as a waiver to the above, the seller will always have the faculty to use the Court of the purchaser.

The prices indicated in this list are intended as VAT excluded.

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CIAS Elettronica S.r.l. | Via Durando, 38 - 20158 - Milano ITALY
T +39 02 3767161 | F +39 02 39311225 | **www.cias.it** | info@cias.it
VAT: IT 05050850154 | SOCIAL CAPITAL EURO 102.960,00 I.V.
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