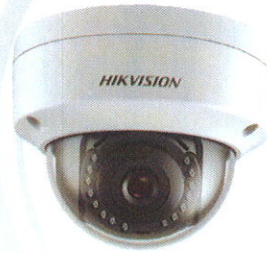


HIKVISION

DS-2CD1131-I 3.0 MP CMOS Network Dome Camera



2.8 mm Fixed Focal Lens



Non 2.8 mm Fixed Focal Lens



Key Features

- 1/3" progressive scan CMOS
- Up to 3.0 megapixel
- 2.8 mm/4 mm/6 mm fixed focal lens
- Up to 30 m IR range
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- PoE (Power over Ethernet)
- IP67, Ik10
- Mobile monitoring via Hik-Connect or iVMS-4500



www.hikvision.com

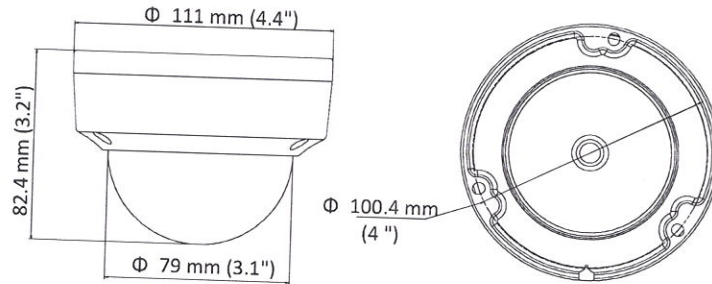
Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter
Lens	2.8 mm @F2.0, horizontal field of view 105°, 4 mm @F2.0, horizontal field of view 84° 6 mm @F2.2, horizontal field of view 55°
Lens Mount	M12
Day & Night	IR cut filter with auto switch
2-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 70°
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	Digital WDR
Compression Standard	
Video Compression	Main stream: H.264+/H.264 Sub stream: H.264/MJPEG
H.264 Type	Main profile/High profile
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Max. Resolution	2304 × 1296
Main Stream Max. Frame Rate	50Hz: 20fps @(2304 × 1296), 25fps @(1920 × 1080, 1280 × 720) 60Hz: 20fps @(2304 × 1296), 30fps @(1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps @(640 × 360, 352 × 288) 60Hz: 30fps @(640 × 360, 352 × 240)
Image Settings	Brightness, saturation, contrast, sharpness are adjustable via web browser or client software
Day/Night Switch	Support auto, scheduled
Others	Mirror, BLC (area configurable), region of interest (support 1 fixed region)
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Detections	Motion detection
Alarms	Video tampering, network disconnected, IP address conflicted
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Reset	Support
General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 V DC ± 25%, PoE (802.3af)
Power Consumption	Max. 5.5 W
Protection Level	IP67, IK10
IR Range	Up to 30 m
Dimensions	Φ 111 mm × 82 mm (4.4" × 3.2")
Weight	500 g (1.1 lb.)

Available Models

DS-2CD1131-I

Dimension



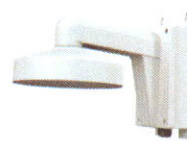
Accessory



DS-1259ZJ
Inclined Base Mounting Bracket



DS-1275ZJ
Vertical Pole Mounting Bracket



DS-1272ZJ-110
Wall Mounting Bracket



DS-1272ZJ-110B
Wall Mounting Bracket



DS-1271ZJ-110
Pendant Mounting Bracket



DS-1276ZJ
Corner Mounting Bracket



DS-1280ZJ-DM18
Junction Box



DS-1250ZJ
Rain Shade

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5996
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8616086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-869-67-99
saleru@hikvision.com

Hikvision Poland
T +48 22 460 01 50
poland@hikvision.com

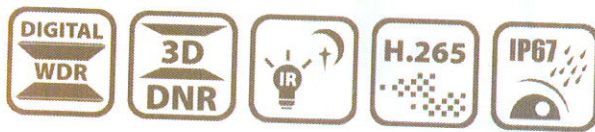
Hikvision Korea
T +82-31-731-8941
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-962140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
latam.support@hikvision.com

DS-2CD1043G0-I 4.0 MP IR Network Bullet Camera



Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67



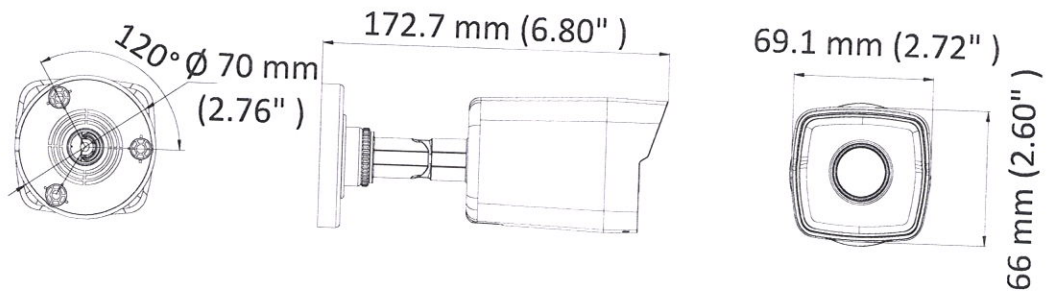
Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	Digital WDR
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Lens	
Focal length	2.8 mm, 4 mm, 6 mm
Aperture	F2.0
Focus	No
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 58°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 20fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Max. Frame Rate	60Hz: 20fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-stream	50Hz: 20fps (704 × 576, 352 × 288, 640 × 480, 320 × 240)
Max. Frame Rate	60Hz: 20fps (704 × 480, 352 × 240, 640 × 480, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter

Firmware Version	5.5.2
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator, and User
Client	iVMS-4200, Hik-Connect, iVMS-5200
Web Browser	IE7+, Chrome18-42, Firefox5.0+, Safari5.02+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 37 V to 57 V), 0.2 A to 0.13 A, Max: 7 W
Protection Level	IP67 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: Ø 70 mm × 172.7mm (2.7" × 6.8") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Camera: Approx. 280 g (0.62 lb.) With package: Approx: 530 g (1.17 lb.)

Available Model

DS-2CD1043G0-I (2.8 mm), DS-2CD1043G0-I (4 mm), DS-2CD1043G0-I (6 mm)

Dimension



Accessory



DS-1280ZJ-XS
Junction Box

DRAFT

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saieru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com



Model	HE40M2160F
Retail Model	H40M2100C
Online Model	HE40M2160F
Series	N21
Front-cover Material/Color	Plastic/ black
Back-cover Material/Color	Plastic/ black
TV Type	FHD Feature TV
Panel Performance	
Panel Aspect Ratio	16:9
Screen Size (diagonal)	40inch
Screen Size (diagonal) CM	108
Max. Resolution	FHD 1920x1080
Curvature Rate	-
Angle of visibility	178°
Display Color Depth	8bits
TCON color depth	8bits
Color gamut range BT.2020	52% (BT.2020)
Vsync Frequency	60Hz
Contrast	3000:1(type)
TV Brightness (nits) (lowest)	200nit
TV Brightness (nits) (Typical Value)	230nit
TV Peak Brightness (nits) and Duration (s)	-
Backlight technology	DLED
Quantum Dot Technology	No
Local Dimming	No
Local Dimming Zones	No
FRC	No
3D technology	No
2D to 3D	No
PCI(Picture Criteria Index)	800
HDR technology	No
HDR Classification	No
Improving Engines	
Processor	SIS 9203B
Upscaling Ultra HD	No
MEMC	No
Decoder	H.264,MPEG4, MPEG2,VC1
Input Lag in Game Mode	<50 ms
3D Digital Comb Filter	Yes
MPEG noise reduction	No
Mosquito noise reduction	No
Sound	

Sound output power	2x7W
Sound Technology	-
NICAM / A2 Stereo	NICAM Stereo
User Equalizer	No
Sound - Special	AC3
Convenience	
Media Player	Yes(Video,Audio,Picture)
Multi-Language OSD	15Languages
Hotel TV	Yes
User Interface	Yes
Internet	
Important Apps (all countries)	No
Country-specific apps	No
Web browser	No
HbbTV	No
MHEG support	No
Anyview Cast	No
Anyview Stream	No
Reception and TV Features	
Digital and Analog Tuner	DVB-T/C
Twintuner	No
LCN Support	Yes
Teletext Support	Yes
EPG	Yes
Parental Control	Yes
PVR	YES
Time Shift	YES
Channel sorting	No
Favorite channel list	Yes
Connectivity	
Common Interface (CI+)	Yes(V1.3)
HDMI1	HDMI 1.4,CEC
HDMI2	HDMI1.4,CEC
HDMI3	HDMI1.4,CEC
HDMI4	-
USB (2.0)	1
USB (3.0)	0
S/PDIF Output	1(optical)
Audio (L/R) Input	1
Headphone Output	1
RF Tuner	1
Composite (AV) Input	1
Component YPb(Cb)/Pr(Cr) Input	1
SCART	1 (Scart in only)
VGA Input	1
PC Audio Input (3.5mm)	1
Subwoofer	No
Ethernet RJ45 port	No
Wireless LAN adapter Support	No
WiFi technology	No

Bluetooth Support and profiles	No
Eco & Power supply	
Power Supply	100V-240V 50/60Hz
Energy Efficiency Class	A+
Standby Consumption	<0.5W
Power off	0W
Power Consumption (Nameplate)	75W
Annual consumption (Nameplate)	-
Power Consumption (Energy Rating Label)	37W
Annual consumption (Energy Rating Label)	55W
Luminance Ratio	>65%
Mercury content	0 mg
Lead content	Yes -This television contains lead only in certain parts or components , in accordance with existing exemption clauses under the RoHS Directive.
Weight & Dimensions	
Weight incl. Packaging	7.8
Product weight incl. Stand	6.4Kg
Product weight excl. Stand	5.9Kg
Weight of carton box	1.88Kg
Weight of plastic foam in package material	0.47Kg
Weitht of plastic in package material	0.05Kg
Weitht of metal in package material	0.02Kg
Package (Horizontal/Vertical)	Vertical
Packaging Dimension (LxDxH)	635 x 1005 x 140 mm
Product Dimension incl. Stand (LxDxH)	570 x 916 x 216 mm
Product Dimension excl. Stand (LxDxH)	542 x 916 x 81 mm
Accessories	
Stand Material / Color	Plastic/ black
Stand (LxW)	222x22mm
VESA Wall Mount Compatible	200*200mm
Remote control (Number of Keys / Model number)	ER-22601A
Second Remote Control (Model number)	No
Remote Batteries	AAAx2
User Manual	Yes
Quick start page	Yes
Power cable	Yes
Adapter	No
Units of packaging material	carton纸箱1pc+pad 衬垫3pc+TV's package bag整机袋1pc+accessary bag附件袋1pc+power line package bag 电源线包装袋1pc+base stand package bag底座包装袋2pc+remote control package bag遥控器包装袋1pc+screw package bag底座螺钉包装袋1pc
Units of packaging material (0.1g < unit <= 0.5g)	screw package bag底座螺钉包装袋1pc

Units of packaging material (unit > 0.5g)	carton纸箱1pc+pad 衬垫3pc+TV's package bag整机袋1pc+accessary bag附件袋1pc+power line package bag电源线包装袋1pc++base stand package bag底座包装袋2pc+remote control package bag遥控器包装袋1pc
DMP formats	
Container Format	AVI,ASF,MKV,TS,RM,FLV
Video	.avi,.mpeg,.mpg,.dat,.vob,.ts,.trp,.tp,.mkv,.flv,.wmv, .asf,.rm,.mvb
Audio	.mp3,.aac,m4,.wav
Picture	.jpg,.jpeg

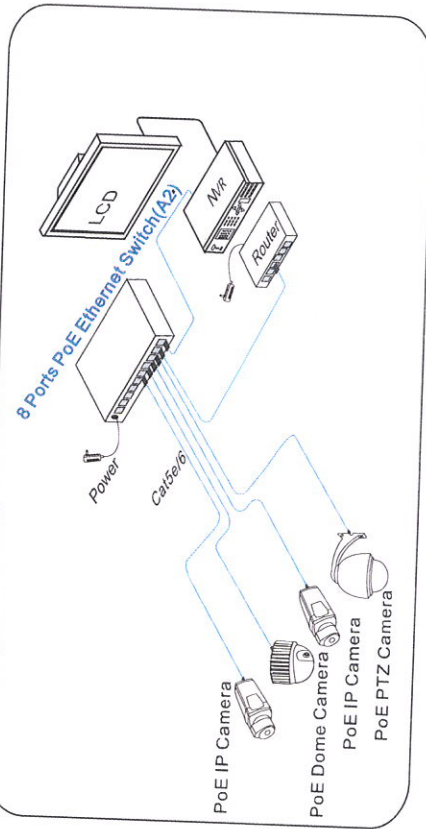
8 Ports PoE Ethernet Switch ID: A2

User Manual

VerB 1.0

The 8 ports PoE Ethernet Switch with 8 downlink PoE ports and double 1000Mbps uplink ports is a security surveillance Ethernet Switch which is applied in high definition network surveillance and security system. The product fully combines the characteristics of security surveillance, provides fast packet forwarding rate and up to 7G backbone bandwidth, which ensures clear image and fluent video transmission. Besides, the 8 downlink PoE ports support IEEE802.3af/at standard, and the double 1000Mbps uplink ports are reliable assurance for connection between the surveillance system and external network connection. The 9th uplink PoE port designing simplifies the surveillance video wall installation that can be interlinked together. The ESD, 6KV lightning protection and surge protection circuits improve product stability. Also the device supports one key CCTV mode which realizes VLAN function, restrains the network storm, protects the information security, prevents the virus spread and cyber attack, fully satisfies the Ethernet video security surveillance system and Ethernet projects needs.

Application



Feature

- Major ports 2* Gigabit uplink Ethernet ports, which design is convenient to connect external network system; In addition the 9th port is PoE Ethernet port, which broadens the using field; 8* 10/100Mbps downlink PoE Ethernet ports, each of them supports MDI/MDIX;
- Special Function One Key CCTV Mode: Support VLAN and restrain network storm; 1-8 downlink ports can only communicate with uplink ports; the further transmission distance up to 250m in CCTV mode with the transmission speed rate 10Mbps;
- Input Power DC48V-57V;
- Transmission Distance: In Default mode, the distance of Ethernet port is 100m; In CCTV mode, the distance of downlink 1-8 ports up to 250m;
- Standard Accord with IEEE802.3, IEEE802.3u, IEEE802.3af, IEEE802.3at standard; PoE meets End-Span;
- Protection superior lightning protection up to 6KV, excellent ESD protection and anti-interference ability.

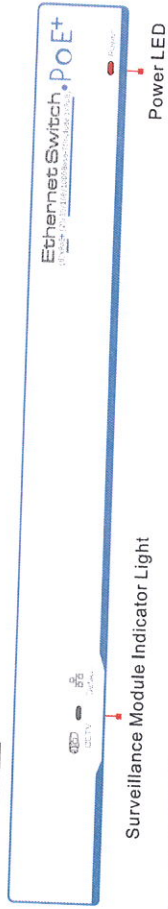
Notice

The transmission distance depends on the signal source and cable quality; standard Cat5e/6 Ethernet cable is strongly suggested for reaching the maximum transmission distance!

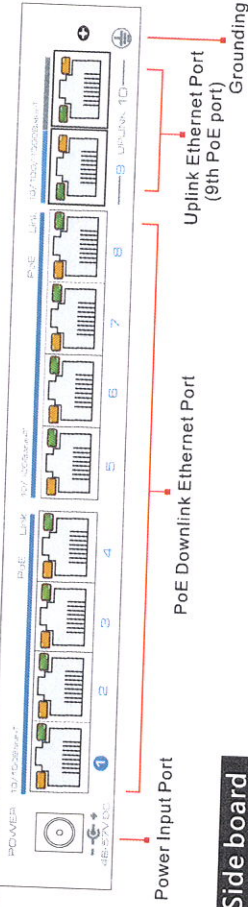
8 ports PoE Ethernet Switch(A2)

Board diagram

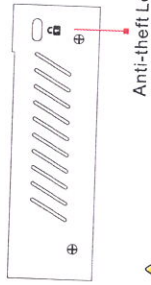
Front board



Back board



Side board



Notice

- 1) Device must be connected with lightning protection grounding; otherwise protection level will be greatly reduced; please use above No.20 wire to connect the grounding terminal;
- 2) The device requires rebooting after the dial switch has been utilized.

Installation steps

Please check the following items before installation, if it is missing, please contact the dealer.

- 8 Ports PoE Ethernet Switch 1pcs
- Power Adapter 1pcs
- AC Power Cable 1pcs
- Accessory 1pcs
- User Manual 1pcs

Please follow installation steps as below:

- 1) Turn off the power of all the related devices before the installation; otherwise the device would be damaged;
- 2) Use Ethernet cable connect PoE IP camera and 1-8 downlink ports of product respectively;
- 3) Use an Ethernet cable to connect equipment uplink port with NVR or computer;
- 4) Connect power adapter;
- 5) Check if the installation is correct, equipment is in good condition, the connection is stable, then power on for system.

Specification

Item	Description
Power	Power Supply Power Adapter
	Voltage Range DC48V~57V
	Power Consumption <5W
Port Parameter	Rate 1~8 Downlink Ethernet port:10/100Mbps 9~10uplink Ethernet port:10/100/1000Mbps
	Transmission Distance Downlink Ethernet port:0~250m (CCTV) 0~100m (Default) Uplink Ethernet port:0~100m
	PoE Ports RJ45 Ports with 30u Gold-plated Flattened Pin; Satisfy 802.3af/at Standard; Compatible with Mid-Span and End-Span
Ethernet Exchange	Ethernet Standard IEEE 802.3/802.3u/IEEE802.3 af/at
	Backplane Bandwidth 7G
	Packet Forwarding Rate 4.166Mbps
	Data Package Cache 1.5Mb
	MAC 4K
Indicator LED	Power LED 1pcs (Red)
	Ethernet Port LED 2pcs (Yellow& Green) on RJ45, Yellow Indicates PoE, Green Indicates Link/Act
Protection Level	Surveillance Mode LED 1pcs(Green), Green Indicates CCTV
	EFT Level 2 Per: IEC6 1 000-4-4
	ESD Level 3 Per: IEC6 1 000-4-2
Environment	Lightning Protection 6KV Per: IEC6 1 000-4-5
	Operation Temperature -10℃~+55℃
	Storage Temperature -40℃~+85℃
Mechanics	Humidity(non-condensing) 0~95%
	Dimensions(LxWxH) 200mm x 101.8mm x 27mm
	Material Metal
	Color Black
	Weight 500g

Product specifications subject to change without prior notice.

Trouble shooting

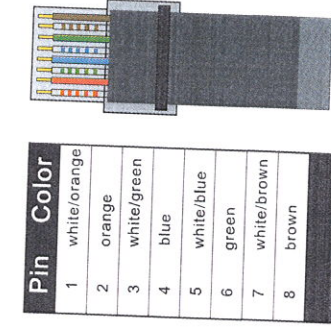
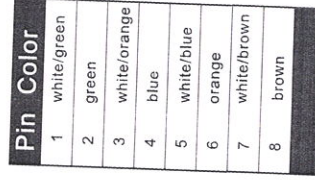
if any trouble in installation, please follow these steps:

- Please make sure you have followed the instruction to install the device;
- Please confirm if the RJ45 cable order is in accordance with the EIA/TIA568A or 568B industry standards;
- The power supply of each PoE port is no more than 30W; please do not connect the PoE device which exceeds the maximum PoE power supply;
- Please replace a failure device with a proper one to check if the device is broken;

RJ 45 Making Method

Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

- 1) Shuck off about 2cm long the insulating layer, and bare the 4 pairs UTP cable;
- 2) Depart the 4 pairs UTP cable and straighten them;
- 3) Line up the 8 pieces of cables per EIA/TIA 568A or 568B;
- 4) Cut out 1.5 cm cable wrap and leave the bare wire;
- 5) Plug 8 cables into RJ45 plug, make sure each cable is in each pin;
- 6) Then use wire crimper to crimp it;
- 7) Follow the 5 steps above to make the another end, following the same sequence of the first plug;
- 8) Using network tester to test the cable whether is working.



Notice

- When choose RJ-45 make sure if one end is EIA/TIA568A, the other end should also be EIA/TIA568A.
- When choose RJ-45 make sure if one end is EIA/TIA568B, the other end should also be EIA/TIA568B.

Specificarea tehnică deplină propusă de către ofertant

la Lotul Nr 5

Computer de monitorizare Workstation

Win Home 10 64Bit Russian 1pk DSP OEI DVD

Intel® Core™ i3-8100, S1151, 3.6GHz (4C/4T), 6MB Cache, Intel® UHD Graphics 630, 14nm 65W, tray

GIGABYTE B360M D3H, Socket 1151, Intel® B360 (8th Gen CPU), Dual 4xDDR4-2666, CPU Intel graphics, VGA, DVI, HDMI, DP, 2xPCIe X16, 6xSATA3, 1xM.2 slot, 1xPCIe X1, 1xPCI, ALC892 HDA, GbE LAN, 1xUSB 3.1 Gen 2, 1xUSB3.1/Type-C, 4xUSB3.1, RGB Fusion, mATX DEEPCOOL Cooler "Theta 31 PWM", Socket 1150/1151/1155, up to 95W, 100x100x25mm, 900~2400rpm, <17.8~32.5dBA, 42.8CFM, 4pin, PWM, Hydro Bearing, Screw&Back Plate inst., Aluminium Heatsink with Copper insertion (36pcs/box)

3.5" HDD 500GB Western Digital WD5000AVDS AV-GP™, IntelliPower, 32MB, SATAII

4GB DDR4-2666 Kingston HyperX® FURY DDR4, PC21300, CL15, 1.2V, Auto-overclocking, Asymmetric BLACK heat spreader, Intel XMP Ready (Extreme Memory Profiles)

ZOTAC GeForce GTX 1050 Mini 2GB DDR5, 128bit, 1455/7008Mhz, Single Fan, HDCP, DVI, HDMI, DisplayPort, Lite Pack

PSU XILENCE XP600R7, 600W, "RedWing R7" Series, ATX 2.3.1, Passive PFC, 120mm fan, +12V (38A), 20+4 Pin, 6x SATA, 1xPCI-E 6+2pin, 2x Peripheral, Black

DEEPCOOL "FRAME" Micro-ATX Case, without PSU, with Card-reader (MicroSD & SD), fully black painted interior, VGA Compatibility: 320mm, 3x 2.5" Drive Bays, 1xUSB3.0, 2xUSB2.0 /Audio, Black