

Specificații tehnice (F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție <u>Nr.:ocds-b3wdp1-MD-1597822509488</u>	din <u>19 aug 2020</u>
Denumirea procedurii de achiziție: Licitatie deschisa, Aparata de emisie pentru radiotelefonie, radiotelegrafie, radiodifuziune si televiziune	

Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard e de referință
1	2	3	4	5	6	7	8
	Lotul 1 Camere video						
32240000-7	VIDEO CAMERA (set)	SONY HXC-FB80SN, HD Studio Camera 2/3" CMOS sensors HXCU-FB80N, Neutrik connector Fibre 7" Full HD LCD Viewfinder for DC/HSC/HXC/PDW/PMW/HDW Lens, Canon KJ20X8.2B KRSD 2/3" HDgc Standard lens wo/2x ext.	Japonia	SONY	Studio Camera body, 20x lens kit and 7" viewfinder Camera: Pickup Device 3-chip 2/3-inch type CMOS Effective Picture Elements 1920 x 1080 (H x V) Signal Format HD: 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i, 1080/29.97PsF, 1080/25PsF, 1080/23.98PsF, 720/59.94p, 720/50p; SD: 480/59.94i, 576/50i Spectrum System F1.4 prism system Built-in Filters CC: Electrical; ND: 1; CLEAR, 2; 1/4ND, 3; 1/16ND, 4; 1/64ND Sensitivity (at 2000 lx, 3200K, 89.9% reflectance) F12 (59.94 Hz), F13 (50 Hz) Signal-to-noise Ratio Typical 60dB *3 (1080/59.94i) Horizontal Resolution 1,000 TV lines or higher Gain -3, 0, 3, 6, 9, 12 dB Shutter Speed 1/100, 1/125, 1/250, 1/500, 1/1000 Shutter Speed (Slow Shutter (SLS)) 2, 3, 4, 5, 6, 7, 8-frame accumulation (only in 1080 mode at 59.94i/p, 50i/p, 29.97PsF, 25PsF) Input/Output Audio Input (CH1) XLR type: 3-pin, female (x1); MIC IN: -60dBu (Up	Studio Camera body, 20x lens kit and 7" viewfinder Camera: Pickup Device 3-chip 2/3-inch type CMOS Effective Picture Elements 1920 x 1080 (H x V) Signal Format HD: 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i, 1080/29.97PsF, 1080/25PsF, 1080/23.98PsF, 720/59.94p, 720/50p; SD: 480/59.94i, 576/50i Spectrum System F1.4 prism system Built-in Filters CC: Electrical; ND: 1; CLEAR, 2; 1/4ND, 3; 1/16ND, 4; 1/64ND Sensitivity (at 2000 lx, 3200K, 89.9% reflectance) F12 (59.94 Hz), F13 (50 Hz) Signal-to-noise Ratio Typical 60dB *3 (1080/59.94i) Horizontal Resolution 1,000 TV lines or higher Gain -3, 0, 3, 6, 9, 12 dB Shutter Speed 1/100, 1/125, 1/250, 1/500, 1/1000 Shutter Speed (Slow Shutter (SLS)) 2, 3, 4, 5, 6, 7, 8-frame accumulation (only in 1080 mode at 59.94i/p, 50i/p, 29.97PsF, 25PsF) Input/Output Audio Input (CH1) XLR type: 3-pin, female (x1); MIC IN: -	

				to -20dBu can be set by using menu), balanced; LINE IN: 0dBu, balanced Audio Input (CH2) XLR type: 3-pin, female (x1); MIC IN: -60dBu (Up to -20dBu can be set by using menu), balanced; LINE IN: 0dBu, balanced Prompter/Genlock BNC (x1); Gen-Lock In or Prompter Out Test Output TEST Out (Analog output with/without characters), or HD/SD Sync Out SDI Input/Output BNC (x1) SMPTE ST292-1, for HD Prompter Out or HD Video TrunkIn SDI Output BNC (x1) SMPTE ST425-1/ST292-1/259M; 3G/HD-SDI or SD-SDI selectable connector CCU Optical Fiber (x1), Intercom XLR type: 5-pin, female (x1) Earphone Output Stereo mini jack (x1) Lens 12-pin (x1) Viewfinder 20-pin (1), for HDVF only Remote 8-pin (x1) TRUNK Input/Output TRUNK LINE D-sub 9-pin, female (x1) : RS-232C, or Remote 8pin : RS-422A EXT Input/Output (in TRUNK I/O) D-sub 9-pin, female (x1) USB USB 2.0 (x1) DC Input XLR-type 4-pin (x1), DC 10.5 V to 17 V DC Output 4-pin (x1), DC 10.5 V to 17 V, 1.5 A (max.) Viewfinder Display Screen Size min. 7 inch diagonal Aspect Ratio16:9 Picture Elements1920(H) x 1080(V) RGB stripe array Lens Lens Mount - 2/3-inch B4 Bayonet Focal Length 8.2mm (11/32 inches) to 164mm (6 1/2 inches)	60dBu (Up to -20dBu can be set by using menu), balanced; LINE IN: 0dBu, balanced Audio Input (CH2) XLR type: 3-pin, female (x1); MIC IN: -60dBu (Up to -20dBu can be set by using menu), balanced; LINE IN: 0dBu, balanced Prompter/Genlock BNC (x1); Gen-Lock In or Prompter Out Test Output TEST Out (Analog output with/without characters), or HD/SD Sync Out SDI Input/Output BNC (x1) SMPTE ST292-1, for HD Prompter Out or HD Video TrunkIn SDI Output BNC (x1) SMPTE ST425-1/ST292-1/259M; 3G/HD-SDI or SD-SDI selectable connector CCU Optical Fiber (x1), Intercom XLR type: 5-pin, female (x1) Earphone Output Stereo mini jack (x1) Lens 12-pin (x1) Viewfinder 20-pin (1), for HDVF only Remote 8-pin (x1) TRUNK Input/Output TRUNK LINE D-sub 9-pin, female (x1) : RS-232C, or Remote 8pin : RS-422A EXT Input/Output (in TRUNK I/O) D-sub 9-pin, female (x1) USB USB 2.0 (x1) DC Input XLR-type 4-pin (x1), DC 10.5 V to 17 V DC Output 4-pin (x1), DC 10.5 V to 17 V, 1.5 A (max.) Viewfinder Display Screen Size min. 7 inch diagonal Aspect Ratio16:9 Picture Elements1920(H) x 1080(V) RGB stripe array Lens Lens Mount - 2/3-inch B4 Bayonet Focal Length 8.2mm (11/32 inches) to 164mm (6 1/2 inches)	
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					Zoom Servo/Manual selectable Zoom Ratio 20 x Maximum Relative Aperture 1: 1.9 Iris Auto/Manual selectable F1.9 to F16 and C (Close) Focus Full manual focus 900 mm to ∞ (MACRO OFF) 10 mm to ∞ (MACRO ON, Wide) Filter Thread M82 mm, pitch 0.75 mm Macro On/Off switchable <i>Include accessories</i> Tally Number Plate (0~9) Viewfinder Cable 20pin (1) Lens Mount Cap (1) V-shoe (1), Viewfinder Hood (1) Camera Operation Guide and Operating Instructions	Zoom Servo/Manual selectable Zoom Ratio 20 x Maximum Relative Aperture 1: 1.9 Iris Auto/Manual selectable F1.9 to F16 and C (Close) Focus Full manual focus 900 mm to ∞ (MACRO OFF) 10 mm to ∞ (MACRO ON, Wide) Filter Thread M82 mm, pitch 0.75 mm Macro On/Off switchable <i>Include accessories</i> Tally Number Plate (0~9) Viewfinder Cable 20pin (1) Lens Mount Cap (1) V-shoe (1), Viewfinder Hood (1) Camera Operation Guide and Operating Instructions	
32200000-5	Full-Servo set for Lenses (compatibil cu camera video de la pozitia nr.1.1)	Canon SS-41-IASD Full-Servo Kit for Digital ISAD and IASE Lenses The kit includes: Digital Focus Servo Demand Digital Zoom Servo Demand Focus Positional Servo Module Adapter Cable" CANON - CC-0620 - CONVERSION CABLE Conversion cable for Analogue Drive Unit/FPM-420/500/77 and FPD-400D CANON - CC-2008 - CONVERSION CABLE Conversion cable for Digital IASE-S Drive Unit and ZSD-300M	Japonia	SONY	Full digital Lens Zoom/Focus remote control kit The kit includes: Digital Focus Servo Demand Digital Zoom Servo Demand Focus Positional Servo Module Adapter Cable	Full digital Lens Zoom/Focus remote control kit The kit includes: Digital Focus Servo Demand Digital Zoom Servo Demand Focus Positional Servo Module Adapter Cable	
		CCU for HXCFB80N series General Power Requirements AC 100 V to 240 V, 2.2A (max), 50/60 Hz Dimensions - Rack Mounting Signal Format - 4K 2160 : 59.94p, 50p (2SI, SQD, Level-A/B) HD 1080: 59.94p, 59.94i, 50p, 50i, 29.97PsF, 25PsF,	Japonia	SONY	Camera control unit <i>General</i> Power Requirements AC 100 V to 240 V, 2.2A (max), 50/60 Hz Dimensions - Rack Mounting Signal Format - 4K 2160 : 59.94p, 50p (2SI, SQD, Level-A/B) HD 1080: 59.94p, 59.94i, 50p, 50i, 29.97PsF, 25PsF, 23.98PsF, HD 720 : 59.94p, 50p SD 480 : 59.94i, 576: 50i <i>Input/Output</i>	Camera control unit <i>General</i> Power Requirements AC 100 V to 240 V, 2.2A (max), 50/60 Hz Dimensions - Rack Mounting Signal Format - 4K 2160 : 59.94p, 50p (2SI, SQD, Level-A/B) HD 1080: 59.94p, 59.94i, 50p, 50i, 29.97PsF, 25PsF, 23.98PsF, HD 720 : 59.94p, 50p SD 480 : 59.94i, 576: 50i <i>Input/Output</i>	

32200000-5	CAMERA CONTROL UNIT (compatibil cu camera video de la poziția nr.1.1)	23.98PsF, HD 720 : 59.94p, 50p SD 480 : 59.94i, 576: 50i Input/Output connector Camera Optical Fiber selectable Intercom (on the front panel)XLR type: 5-pin, female (x1) Intercom/Tally/Program D-sub 25-pin, female (x1); INTERCOM (PROD, ENG), 4Wire/RTS/Clear-Com, 0 dBu; PGM 1 system, - 20/0/+4 dBu; PREVIEW Remote8-pin (x1) Trunk D-sub 9-pin, female (x1) RS-232C/RS-422A, 1 system LAN8-pin (x1) Reference BNC (x2), In: HD: SMPTE 274M, Tri- Level Sync, 0.6 Vp-p, 75 Ω SD: Black Burst (NTSC: 0.286 Vp-p, 75 Ω / PAL: 0.3 Vp-p, 75 Ω		connector Camera Optical Fiber selectable Intercom (on the front panel)XLR type: 5- pin, female (x1) Intercom/Tally/Program D-sub 25-pin, female (x1); INTERCOM (PROD, ENG), 4Wire/RTS/Clear-Com, 0 dBu; PGM 1 system, -20/0/+4 dBu; PREVIEW Remote8-pin (x1) Trunk D-sub 9-pin, female (x1) RS- 232C/RS-422A, 1 system LAN8-pin (x1) Reference BNC (x2), In: HD: SMPTE 274M, Tri-Level Sync, 0.6 Vp-p, 75 Ω SD: Black Burst (NTSC: 0.286 Vp-p, 75 Ω /	connector Camera Optical Fiber selectable Intercom (on the front panel)XLR type: 5- pin, female (x1) Intercom/Tally/Program D-sub 25-pin, female (x1); INTERCOM (PROD, ENG), 4Wire/RTS/Clear-Com, 0 dBu; PGM 1 system, -20/0/+4 dBu; PREVIEW Remote8-pin (x1) Trunk D-sub 9-pin, female (x1) RS- 232C/RS-422A, 1 system LAN8-pin (x1) Reference BNC (x2), In: HD: SMPTE 274M, Tri-Level Sync, 0.6 Vp-p, 75 Ω SD: Black Burst (NTSC: 0.286 Vp-p, 75 Ω /	
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					PAL: 0.3 Vp-p, 75 Ω), Out: Loop-Through Prompter BNC (x2), In: VBS, 1.0 Vp-p, 75 Ω, 1 system, Out: Loop-Through <i>Input</i> AC In(x1), AC 100 V to 240 V Return In VBS1, VBS2BNC (x2), 1.0 Vp-p, 75 Ω, 2 systems Return In SDI1, SDI2BNC (x2) HD SDI, SMPTE ST292-1, 1080: 59.94i, 50i, 29.97PsF, 25PsF, 23.98PsF, 720: 59.94p, 50p SD SDI, 480 : 59.94i, 576: 50i HD Prompter InBNC (x1) HD SDI: SMPTE ST292-1. <i>Output</i> SDI Out (SLOT-1) HD/SDBNC (x4) HD SDI: SMPTE ST2921, 0.8 Vp-p, 75 Ω, SD SDI: SMPTE 259M, 0.8 Vp-p, 75 Ω, HD SDI/SD SDI selectable SDI Out (SLOT-2) 3G/4K/HD Trunk BNC (x4) : 4K/3G SDI 1~4: SMPTE ST425-5, Level-A/B, 0.8 Vp-p, 75 Ω: 2160/59.94p, 2160/50p, 1080/59.94p, 1080/50p, 4K/12G SDI 1, 2: SMPTE ST2082-1, 0.8 Vp-p, 75 Ω: 2160/59.94p, 2160/50p, HD 3G SDI: SMPTE ST425-1, 0.8 Vp-p, 75 Ω: 1080/59.94p, 1080/50p, HD SDI 3, 4: SMPTE ST292-1, HD Trunk 1080/59.94i, 1080/50i, 0.8 Vp-p, 75 Ω, 4K/3G/HD Trunk: Selectable VBS1, 2BNC (x2), VBS 1.0 Vp-p, 75 Ω Pix BNC (x1), VBS/R/G/B (VBS 1.0 Vp-p, 75 Ω) Sync BNC (x1), SMPTE 274-1, HD: tri-level sync, 0.6 Vp-p, 75 Ω SD: composite sync, 0.3 Vp-p, 75 Ω HD SYNC/SD SYNC selectable	PAL: 0.3 Vp-p, 75 Ω), Out: Loop-Through Prompter BNC (x2), In: VBS, 1.0 Vp-p, 75 Ω, 1 system, Out: Loop-Through <i>Input</i> AC In(x1), AC 100 V to 240 V Return In VBS1, VBS2BNC (x2), 1.0 Vp-p, 75 Ω, 2 systems Return In SDI1, SDI2BNC (x2) HD SDI, SMPTE ST292-1, 1080: 59.94i, 50i, 29.97PsF, 25PsF, 23.98PsF, 720: 59.94p, 50p SD SDI, 480 : 59.94i, 576: 50i HD Prompter InBNC (x1) HD SDI: SMPTE ST292-1. <i>Output</i> SDI Out (SLOT-1) HD/SDBNC (x4) HD SDI: SMPTE ST2921, 0.8 Vp-p, 75 Ω, SD SDI: SMPTE 259M, 0.8 Vp-p, 75 Ω, HD SDI/SD SDI selectable SDI Out (SLOT-2) 3G/4K/HD Trunk BNC (x4) : 4K/3G SDI 1~4: SMPTE ST425-5, Level-A/B, 0.8 Vp-p, 75 Ω: 2160/59.94p, 2160/50p, 1080/59.94p, 1080/50p, 4K/12G SDI 1, 2: SMPTE ST2082-1, 0.8 Vp-p, 75 Ω: 2160/59.94p, 2160/50p, HD 3G SDI: SMPTE ST425-1, 0.8 Vp-p, 75 Ω: 1080/59.94p, 1080/50p, HD SDI 3, 4: SMPTE ST292-1, HD Trunk 1080/59.94i, 1080/50i, 0.8 Vp-p, 75 Ω, 4K/3G/HD Trunk: Selectable VBS1, 2BNC (x2), VBS 1.0 Vp-p, 75 Ω Pix BNC (x1), VBS/R/G/B (VBS 1.0 Vp-p, 75 Ω) Sync BNC (x1), SMPTE 274-1, HD: tri-level sync, 0.6 Vp-p, 75 Ω SD: composite sync, 0.3 Vp-p, 75 Ω HD SYNC/SD SYNC selectable	
32200000-5	REMOTE CONTROL PANEL (compatibil cu Camera Control Unit de la poziția nr. 1.3)	Sony RCP-3100 (RCP3100) Remote Control Panel for use with HDC & XDCAM system cameras The iris and master black adjustment block employs joystick type control. Changes the sensitivity of each primary color (R, G, and B) and corrects the color temperature with adjustment knobs arranged on the panel. Power consumption 4 W Power supply DC 10.5 V to 30 V	Japonia	SONY	Remote control panel The iris and master black adjustment block employs joystick type control. Changes the sensitivity of each primary color (R, G, and B) and corrects the color temperature with adjustment knobs arranged on the panel. Power consumption 4 W Power supply DC 10.5 V to 30 V Input/output connectors , PoE (IEEE802.3af Class2) Ethernet RJ-45 8-pin (X1) , 10BASE-T, 100BASE-TX, 1000BASE-T CCU/CNU Multi-connector 8-pin, female (x1) EXT I/O D-sub 9-pin, female (x1)	Remote control panel The iris and master black adjustment block employs joystick type control. Changes the sensitivity of each primary color (R, G, and B) and corrects the color temperature with adjustment knobs arranged on the panel. Power consumption 4 W Power supply DC 10.5 V to 30 V Input/output connectors , PoE (IEEE802.3af Class2) Ethernet RJ-45 8-pin (X1) , 10BASE-T, 100BASE-TX, 1000BASE-T CCU/CNU Multi-connector 8-pin, female (x1) EXT I/O D-sub 9-pin, female (x1)	

		Input/output connectors , PoE (IEEE802.3af Class2) Ethernet RJ-45 8- pin (X1) , 10BASE-T, 100BASE-TX, 1000BASE-T CCU/CN U Multi- connector 8-pin, female (x1) EXT I/O D-sub 9- pin, female (x1) SONY 10M Cble For CNU/CCU/RCP/MSU- 700 Series Sony CCA- 5-10 (CCA510) 8-Pin/8- Pin Remote Control Cable for 700 Series Control Panels (10m/33ft)					
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32200000-5	Cable , Hybrid Optic	Sony 250m Fibre Cable with Neutrik CONDUO connector 200 m singlemode SMPTE on HT582 drum with noise cancelling cover	Japonia	SONY	Combines optical, electrical, and control signal paths environment outside broadcast cable, Cable Length minimum 200 m, Type of cable - PUR type Include portable fiber optic cable reel	Combines optical, electrical, and control signal paths environment outside broadcast cable, Cable Length minimum 200 m, Type of cable - PUR type Include portable fiber optic cable reel	
32200000-5	Cable , Hybrid Optic	Sony 100m Fibre Cable with Neutrik CONDUO connector 100 m singlemode SMPTE on Schill GT 380.RM drum with noise cancelling cover Sony CCFN-JC1 Cable Coupler adapter for 2 cables extension Cascade for Hybrid Optical Fiber Cables opticalCON Connectors	Japonia	SONY	Combines optical, electrical, and control signal paths environment outside broadcast cable, Cable Length minimum 100 m Type of cable - PUR type Include portable fiber optic cable reel <u>The cables must be able to be connected to cables from position 1.5, to increase the distance.</u>	Combines optical, electrical, and control signal paths environment outside broadcast cable, Cable Length minimum 100 m Type of cable - PUR type Include portable fiber optic cable reel The cables must be able to be connected to cables from position 1.5, to increase the distance.	
32200000-5	Cable , Hybrid Optic	Neutrik NKO2S-S1-A-0-10 Attribute (NC) (LC) 10 m singlemode SMPTE without drum with noise cancelling cover, one end with LC to backside of chassis, other end with opticalCON Advanced to CCU	Lihtenstain	Neutrik	Combines optical, electrical, and control signal paths, environment outside broadcast cable for connections between equipment and panel Cable Length minimum 10 m	Combines optical, electrical, and control signal broadcast cable for connections between equipment and panel Cable Length minimum 10 m	
32200000-5	Termination panel set (compatibil cu socket de la pozitia nr.1.7)	Klotz TP2NXX06AB Termination panel set 2 RU termination panel for 6x SmartBeam D series or opticalCON, angled version (30°) included connectors Neutrik NO2-4FDW-1-A The chassis connectors are compatible with standard LCs from the rear but the copper cables for power and sense need to be soldered by yourself	Germania	Klotz	Termination panel with minimum 6 holes, 2-4 RU, angled version (30 degrees) pre-drilled including blank panels panels with stabilizing angled edges, comes with mounting screws for connectors include designation strip with clear protective cover	Termination panel with minimum 6 holes, 2-4 RU, angled version (30 degrees) pre-drilled including blank panels panels with stabilizing angled edges, comes with mounting screws for connectors include designation strip with clear protective cover	
32200000-5	Fiber Optic Cleaning Kit	NEUTRIK CAS-FOCD-ADV COMPLETE FIBER OPTIC CLEANING KIT In case NEUTRIK FIBRE OPTIC CLEANING KIT - Opticalcon, LC, ST, SC, FC	Lihtenstain	Neutrik	Fiber Optic Cleaning Kit for Hybrid Connectors, specified in positions: 1.5; 1.6; 1.7 One click cleaner kit.	Fiber Optic Cleaning Kit for Hybrid Connectors, specified in positions: 1.5; 1.6; 1.7 One click cleaner kit.	
			Japonia	Canare	Inner conductor		

32200000-5	SDI Cable	Canare L-2.5CHD Video SDI Cable, Inner conductor, Cross Section Area (mm2) 0.27, Overall Diameter (mm) 0.59 Insulation: Thickness (mm) 1.00, Overall Diameter (mm) 2.59, Foamed Polyethylene Outer Conductor 1: Thickness (mm) 0.06, Overall Diameter (mm) 2.7 Outer Conductor 2: Construction (carr/end/mm) 16/ 7/0.12TA, Pitch (mm) <= 24, Overall Diameter (mm) 3.2, Sheath: Thickness (mm) 0.5, Overall Diameter (mm) 4.2 Rated Voltage AC 60Vrms Temperature Range -20°C ~ +75°C Applicable Specifications UL Type CMR Insulation Resistance >= 1000MΩ-km	Cross Section Area (mm2) 0.27, Overall Diameter (mm) 0.59 Insulation: Thickness (mm) 1.00, Overall Diameter (mm) 2.59, Foamed Polyethylene Outer Conductor 1: Thickness (mm) 0.06, Overall Diameter (mm) 2.7 Outer Conductor 2: Construction (carr/end/mm) 16/ 7/0.12TA, Pitch (mm) <= 24, Overall Diameter (mm) 3.2, Sheath: Thickness (mm) 0.5, Overall Diameter (mm) 4.2 Rated Voltage AC 60Vrms Temperature Range -20°C ~ +75°C Applicable Specifications UL Type CMR	Inner conductor Cross Section Area (mm2) 0.27, Overall Diameter (mm) 0.59 Insulation: Thickness (mm) 1.00, Overall Diameter (mm) 2.59, Foamed Polyethylene Outer Conductor 1: Thickness (mm) 0.06, Overall Diameter (mm) 2.7 Outer Conductor 2: Construction (carr/end/mm) 16/ 7/0.12TA, Pitch (mm) <= 24, Overall Diameter (mm) 3.2, Sheath: Thickness (mm) 0.5, Overall Diameter (mm) 4.2 Rated Voltage AC 60Vrms Temperature Range -20°C ~ +75°C Applicable Specifications UL Type CMR	
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					Insulation Resistance >= 1000MΩ-km		
32200000-5	SDI Connector (compatibil cu SDI cablu de la poziția nr 1.10)	Canare BCP-B25HD SDI Connector + CB02 rubber boot 11 BCP-B25HD BCN connector CB02 rubber boot Crimp type 75 Ω BNC plug Insulation 1x1011 Ω 5000MΩ or more. Contact resistance: External contact-1.04 ~1.30mΩ, Center contact - 1.37~1.45mΩ. Voltage standing 1.1 or less, Interminability Pass, Fixing force of contact with lock mechanism 0.2mm or less Mechanical operation: External contact 0.62~0.96mΩ, Center contact 1.70~1.80mΩ	Japonia	Canare	Crimp type 75 Ω BNC plug Insulation 1x1011 Ω 5000MΩ or more. Contact resistance: External contact-1.04 ~1.30mΩ, Center contact -1.37~1.45mΩ. Voltage standing 1.1 or less, Interminability Pass, Fixing force of contact with less contact with less Mechanical Mechanical 0.62~0.96mΩ, Center contact 1.70~1.80mΩ 1.80mΩ	Crimp type 75 Ω BNC plug Insulation 1x1011 Ω 5000MΩ or more. Contact resistance: External contact-1.04 ~1.30mΩ, Center contact -1.37~1.45mΩ. Voltage standing 1.1 or less, Interminability Pass, Fixing force of lock mechanism 0.2mm or operation: External contact 0.62~0.96mΩ, Center contact 1.70~	
32200000-5	Multiview (6 Channel)	DECIMATOR DMON-6S 6 Channel Multi-Viewer with HDMI & SDI Outputs 1 to 6 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD and Custom Layouts	Australia	Decimator	1 to 6 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD and Custom Layouts Layouts Support both 3G level A and B on the input and output. Allowing conversion between 3G level A and B. 6 x (3G/HD/SD)-SDI active loop copies of each input each input Custom Layouts with various standard layouts layouts 16 Character UMD overlay per window with individual enables, custom positioning and size size 16 Channel Audio Metering overlay per window with individual enables, custom positioning and size Safe Action and Safe Title overlay per window with individual enables and adjustment adjustment Centre Cross overlay per window with individual enable Audio ID overlay Tallies can be applied to either Tally Boxes (Default), Outside Safe Action Area or Border Border Tally boxes allows for up to 4 Tallies per window (Green, Red, Blue) Load and restore Custom Layouts Fast switching between inputs using Full-Screen scaling Selectable output format in both Full-	1 to 6 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD and Custom Support both 3G level A and B on the input and output. Allowing conversion between 3G level A and B. 6 x (3G/HD/SD)-SDI active loop copies of Custom Layouts with various standard 16 Character UMD overlay per window with individual enables, custom positioning and 16 Channel Audio Metering overlay per window with individual enables, custom positioning and size Safe Action and Safe Title overlay per window with individual enables and Centre Cross overlay per window with individual enable Audio ID overlay Tallies can be applied to either Tally Boxes (Default), Outside Safe Action Area or Tally boxes allows for up to 4 Tallies per window (Green, Red, Blue) Load and restore Custom Layouts Fast switching between inputs using Full-Screen scaling Selectable output format in both Full– Screen and Multi-Viewer mode Low latency buffering for each input allowing non-synchronous inputs Linked (3G/HD/SD)-SDI and HDMI outputs	

					Screen and Multi-Viewer mode Low latency buffering for each input allowing non-synchronous inputs Linked (3G/HD/SD)-SDI and HDMI outputs		
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					6 x (3G/HD/SD)-SDI inputs with auto detection Each window is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously Variable aspect ratios per window Pass-Through mode allowing any of the 6 inputs to be selected and routed to both the (3G/HD/SD)-SDI and HDMI outputs Also includes: 32 GPI on 37-pin D-SUB connector for Tallies and Remote Switching RS422/485 on 37-pin D-SUB connector for Dynamic UMD and Tallies via TSL protocol USB port for control and firmware updates Power Supply, HDMI Cable and USB Cable	6 x (3G/HD/SD)-SDI inputs with auto detection Each window is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously Variable aspect ratios per window Pass-Through mode allowing any of the 6 inputs to be selected and routed to both the (3G/HD/SD)-SDI and HDMI outputs Also includes: 32 GPI on 37-pin D-SUB connector for Tallies and Remote Switching RS422/485 on 37-pin D-SUB connector for Dynamic UMD and Tallies via TSL protocol USB port for control and firmware updates Power Supply, HDMI Cable and USB Cable	
32200000-5	Multiview (12 Channel)	DECIMATOR DMON-12S 12-Channel Multi-Viewer with SDI & HDMI Outputs 1 to 12 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD	Australia	Decimator	1 to 12 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD Support both 3G level A and B on the input and output. Allowing conversion between 3G level A and B. Custom Layouts with various standard layouts 16 Character UMD overlay per window with individual enables, custom positioning/size 16 Channel Audio Metering overlay per window with individual enables, custom positioning and size Safe Action and Safe Title overlay per window with individual enables and adjustment Centre Cross overlay per window with individual enable Audio ID overlay Tallies can be applied to either Tally Boxes (Default), Outside Safe Action Area or Border Tally boxes allows for up to 4 Tallies per window (Green, Red, Blue) Load and restore Custom Layouts Fast switching between inputs using Full-Screen scaling Selectable output format in both Full-Screen and Multi-Viewer mode Low latency buffering for each input allowing non-synchronous inputs Linked (3G/HD/SD)-SDI and HDMI outputs	1 to 12 Channel MultiViewer with SDI and HDMI outputs for 3G/HD/SD Support both 3G level A and B on the input and output. Allowing conversion between 3G level A and B. Custom Layouts with various standard layouts 16 Character UMD overlay per window with individual enables, custom positioning/size 16 Channel Audio Metering overlay per window with individual enables, custom positioning and size Safe Action and Safe Title overlay per window with individual enables and adjustment Centre Cross overlay per window with individual enable Audio ID overlay Tallies can be applied to either Tally Boxes (Default), Outside Safe Action Area or Border Tally boxes allows for up to 4 Tallies per window (Green, Red, Blue) Load and restore Custom Layouts Fast switching between inputs using Full-Screen scaling Selectable output format in both Full-Screen and Multi-Viewer mode Low latency buffering for each input allowing non-synchronous inputs Linked (3G/HD/SD)-SDI and HDMI outputs	

					12 x (3G/HD/SD)-SDI inputs with auto detection Each window is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously Variable aspect ratios per window Pass-Through mode allowing any of the 12 inputs to be selected and routed to both the (3G/HD/SD)-SDI and HDMI outputs Also includes: 32 GPI on 37-pin D-SUB connector for Tallies and Remote Switching RS422/485 on 37-pin D-SUB connector for Dynamic UMD and Tallies via TSL protocol USB port for control and firmware updates Power Supply, HDMI Cable and USB Cable	12 x (3G/HD/SD)-SDI inputs with auto detection Each window is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously Variable aspect ratios per window Pass-Through mode allowing any of the 12 inputs to be selected and routed to both the (3G/HD/SD)-SDI and HDMI outputs Also includes: 32 GPI on 37-pin D-SUB connector for Tallies and Remote Switching RS422/485 on 37-pin D-SUB connector for Dynamic UMD and Tallies via TSL protocol USB port for control and firmware updates Power Supply, HDMI Cable and USB Cable	
32323100-4	Monitor Rack-Mounted	Blackmagic Design SmartView 4K 2 15.6" DCI 4K Broadcast Monitor (6 RU) SDI Video Input -2 SDI inputs automatically switch between SD, HD, 3G, 6G and 12G-SDI. 1x Reclocked video output. 12G- SDI products. Optical Video Input - SFP Optical Fiber connector cage. SDI Video Output - Automatically switches to input selection	USA	Blackmagic	Connections SDI Video Input -2 SDI inputs automatically switch between SD, HD, 3G, 6G and 12G-SDI. 1x Reclocked video output. 12G-SDI products. Optical Video Input - SFP Optical Fiber connector cage. SDI Video Output - Automatically switches to input selection Multi Rate Support Auto detection of 4K, 2K, HD or standard definition inputs. Updates and Configuration -USB Ethernet -Gigabit ethernet with loop through. Tally - 9-pin D connector Standards SD Format Support 625i25 PAL HD Format Support 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p47.95, 1080p48, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60 2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI, 2Kp29.97 DCI, 2Kp30 DCI, 2Kp47.95 DCI, 2Kp48 DCI, 2Kp50 DCI, 2Kp59.94 DCI, 2Kp60 DCI, 2KPsF23.98, 2KPsF24, 2KPsF25, 2KPsF29.97 Ultra HD Format Support	Connections SDI Video Input -2 SDI inputs automatically switch between SD, HD, 3G, 6G and 12G-SDI. 1x Reclocked video output. 12G-SDI products. Optical Video Input - SFP Optical Fiber connector cage. SDI Video Output - Automatically switches to input selection Multi Rate Support Auto detection of 4K, 2K, HD or standard definition inputs. Updates and Configuration -USB Ethernet -Gigabit ethernet with loop through. Tally - 9-pin D connector Standards SD Format Support 625i25 PAL HD Format Support 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p47.95, 1080p48, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60 2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI, 2Kp29.97 DCI, 2Kp30 DCI, 2Kp47.95 DCI, 2Kp48 DCI, 2Kp50 DCI, 2Kp59.94 DCI, 2Kp60 DCI, 2KPsF23.98, 2KPsF24, 2KPsF25, 2KPsF29.97 Ultra HD Format Support	

					2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p47.95, 2160p48, 2160p50, 2160p59.94, 2160p60 4K Format Support - 4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI, 4Kp29.97 DCI, 4Kp30 DCI, 4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI, 4Kp59.94 DCI, 4Kp60 DCI SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level A and B, SMPTE 425M, SMPTE 2082. SDI Color Space - REC 601, REC 709 SDI Auto Switching - Automatically selects between SD, HD, 3G, 6G and 12G- SDI. Video Sampling - 4:2:2 and 4:4:4 Display Display Element - 15.6" TFT Active Matrix LCD Display Resolution - 3840 x 2160 pixels Response - 25 ms Contrast Ratio - 1000:1 Color Depth - 16.7 million colors	2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p47.95, 2160p48, 2160p50, 2160p59.94, 2160p60 4K Format Support - 4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI, 4Kp29.97 DCI, 4Kp30 DCI, 4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI, 4Kp59.94 DCI, 4Kp60 DCI SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level A and B, SMPTE 425M, SMPTE 2082. SDI Color Space - REC 601, REC 709 SDI Auto Switching - Automatically selects between SD, HD, 3G, 6G and 12G- SDI. Video Sampling - 4:2:2 and 4:4:4 Display Display Element - 15.6" TFT Active Matrix LCD Display Resolution - 3840 x 2160 pixels Response - 25 ms Contrast Ratio - 1000:1 Color Depth - 16.7 million colors	
32323100-4	Monitor Rack-Mounted Dual 6G-SDI	Blackmagic Design SmartScope Duo 4K Rack-Mounted Dual 6G-SDI Monitors SDI Video Input - Automatically switches between SD, HD and 6GSDI. Reclocked loop through output.	USA	Blackmagic	Connections SDI Video Input - Automatically switches between SD, HD and 6G-SDI. Reclocked loop through output. SDI Video Output - 1 x 10 bit loop through SD, HD and 6G-SDI switchable. SDI Audio Input - 16 channels embedded in SD, HD and UHD. SDI Audio Output - 16 channels embedded in SD, HD and UHD. Multi Rate Support - Standard definition SDI, high definition SDI and 6G-SDI. Tally - 9-pin D connector Standards SD Format Support - 625i25 PAL HD Format Support - 720p50, 59.94,60; 1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60; 1080PsF23.98, 24, 25, 29.97, 30; 1080i50, 59.94, 60 2K Format Support - 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p,2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF Ultra HD Format Support - 2160p23.98, 24, 25, 29.97, 30 SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level B and SMPTE 425M.	Connections SDI Video Input - Automatically switches between SD, HD and 6G-SDI. Reclocked loop through output. SDI Video Output - 1 x 10 bit loop through SD, HD and 6G-SDI switchable. SDI Audio Input - 16 channels embedded in SD, HD and UHD. SDI Audio Output - 16 channels embedded in SD, HD and UHD. Multi Rate Support - Standard definition SDI, high definition SDI and 6G-SDI. Tally - 9-pin D connector Standards SD Format Support - 625i25 PAL HD Format Support - 720p50, 59.94,60; 1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60; 1080PsF23.98, 24, 25, 29.97, 30; 1080i50, 59.94, 60 2K Format Support - 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p,2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF Ultra HD Format Support - 2160p23.98, 24, 25, 29.97, 30 SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level B and SMPTE 425M.	

					Audio Sampling - Television sample rate of 48KHz Video Sampling - 4:2:2 and 4:4:4 Color Precision - 8-bit Color Space - YUV and RGB Computer Interface - USB 2.0 for software updates and Ethernet for configuration Colorspace Conversion - Hardware based real time. Scopes - Luminance Waveform, Vectorscope, RGB Parade, YUV Parade, Histogram, Audio phase and level.	Audio Sampling - Television sample rate of 48KHz Video Sampling - 4:2:2 and 4:4:4 Color Precision - 8-bit Color Space - YUV and RGB Computer Interface - USB 2.0 for software updates and Ethernet for configuration Colorspace Conversion - Hardware based real time. Scopes - LuminanceWaveform, Vectorscope, RGB Parade, YUV Parade, Histogram, Audio phase and level.	
32323100-4	Monitor Rack-Mounted Dual 3G-SDI	Blackmagic Design SmartView Duo Rackmountable Dual 8" LCD Monitors SDI Video Input - Automatically switches between SD, HD and 3GSDI. Reclocked loop through output.	USA	Blackmagic	Connections SDI Video Input - Automatically switches between SD, HD and 3G-SDI. Reclocked loop through output. Multi Rate Support - Auto detection of 2K, HD or standard definition inputs. Updates and Configuration - Via USB 2.0 high speed (480 Mb/s) Ethernet - 10/100 BaseT with loop through. Tally - 9-pin D connector Standards SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level B and SMPTE 425M. SDI Color Space - REC 601, REC 709 SDI Auto Switching - Automatically selects between SD, HD and 3 Gb/s SDI. Video Sampling - 4:2:2 and 4:4:4 SDI Format Support - 625i50 PAL; 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60 2K Format Support - 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p; 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF Display Display Element - TFT Active Matrix LCD. Display Resolution - 800 x 480 pixels Response - < 15 ms Contrast Ratio - Typically 500:1 Color Depth - 16.7 Million Colors.	Connections SDI Video Input - Automatically switches between SD, HD and 3G-SDI. Reclocked loop through output. Multi Rate Support - Auto detection of 2K, HD or standard definition inputs. Updates and Configuration - Via USB 2.0 high speed (480 Mb/s) Ethernet - 10/100 BaseT with loop through. Tally - 9-pin D connector Standards SDI Compliance - SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level B and SMPTE 425M. SDI Color Space - REC 601, REC 709 SDI Auto Switching - Automatically selects between SD, HD and 3 Gb/s SDI. Video Sampling - 4:2:2 and 4:4:4 SDI Format Support - 625i50 PAL; 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60 2K Format Support - 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p; 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF Display Display Element - TFT Active Matrix LCD. Display Resolution - 800 x 480 pixels Response - < 15 ms Contrast Ratio - Typically 500:1 Color Depth - 16.7 Million Colors.	
	Instalare					Instalarea și punerea în funcțiune a sistemului de camere video în carul mobil aflat în dotare;	

					Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware minim 2 ani.	Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware minim 2 ani.	
TOTAL							

Semnat:_____ Numele, Prenumele: Grinico Maxim Victor În calitate de: Administrator

Ofertantul: 140 D RENT SRL. Adresa: MD-2028, mun. Chișinău, RM, șos. Hîncești 62/3, ap. 45