

Anexa 12 (Network bullet camera)

DI. Gîrbu Vasile

Coordonat

Şef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

04.09.201

Denumirea componentei:	Parametrii minimi solicitați	Cantitatea
Network bullet camera	Image Sensor: min. 1/3" Progressive Scan CMOS Min. Illumination: 0.01Lux (F1.2), 0 Lux with IR Shutter time: 1/3 s ~ 1/100,000 s Lens: (3.6,4,6,12,16mm) F2.0 angle of view: 90, 83°, 55.4°, 24.7°, 19.1° Day& Night: IR cut filter with auto switch Wide Dynamic Range: 120 dB Video Compression: H.264/MJPEG/H.264+ Video bit rate: 32Kbps~16Mbps Max. Image Resolution: 4MP Frame Rate: 20fps (2688×1520), 30fps (1920×1080), 30fps (1280×720) Sub Stream: 30fps (352×240),30fps (640×360) Image Settings: Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser Day/Night Switch: Auto/Schedule/Triggered by Alarm In Network Storage: NAS (Support NFS, SMB/CIFS) Alarm Trigger: Face Detection, Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour General Function: Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering System Compatibility: ONVIF (Profile S, Profile G) Communication Interface: 1 RJ45 10M/100M Ethernet port Operating Conditions: -30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing) Power Supply: 12 VDC ± 25%, PoE (802.3af Class3) Power Consumption: Max. 10.5W Weather Proof: IP67 IR Range: 80 meters	26

Anexa 13 (Fixed Dome Network Camera)

Coordonat

DI. Gîrbu Vasile

Şef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

04.09.20

Denumirea componentei:	Parametrii minimi solicitați	Cantitatea
Fixed Dome Network Camera	Image Sensor: min. 1/3" Progressive Scan CMOS Min. Illumination: 0.01Lux (F1.2), 0 Lux with IR Shutter time: 1/3 s to 1/100,000 s Lens: 2.8mm, 4mm, 6mm @ F2.0 angle of view: 106°, 83°, 55.4° Adjustment Range: Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355° Day& Night: IR cut filter with auto switch Wide Dynamic Range: 120 dB Video Compression: H.264/MJPEG/H.264+ Video bit rate: 32Kbps~16Mbps Dual Stream: Yes Max. Image Resolution: 4MP Frame Rate: 20fps (2688×1520), 30fps (1920×1080), 30fps (1280×720) Sub Stream: 30fps (352×240), 30fps (640×360) Image Settings: Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser Network Storage: NAS (Support NFS, SMB/CIFS) Alarm Trigger: Face Detection, Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour General Function: One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering System Compatibility: ONVIF (Profile S, Profile G) Communication Interface: 1 RJ45 10M / 100M Ethernet interface On-board storage: Built-in Micro SD/SDHC/SDXC slot, up to 128 GB Operating Conditions: -30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing) Power Supply: 12 VDC ± 25%, PoE (802.3af Class3) Power Consumption: Max. 5W Weather Proof: IP67 IR Range: Up to 30m	22

Anexa 14 (Fisheye Network Camera)

Coordonat

DI. Gîrbu Vasile

Șef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

04.09.2018

Denumirea componentei:	Parametrii minimi solicitați	Cantitatea
Fisheye Network Camera	Image Sensor: min. 1/3" Progressive Scan CMOS Min. Illumination: Color: 0.01lux (F1.2), 0 lux with IR Shutter time: 1/3 s ~ 1/100,000 s Lens: 1.6mm, F1.6 Angle of view: 186°(horizontal), 106°(vertical) Day& Night: Electronic (-I: IR cut filter with auto switch) Video Compression: H.264/MJPEG Video bit rate: 32Kbps~8Mbps Audio Compression: G.711/G.722.1/G.726/MP2L2 Max. Image Resolution: 4MP Frame Rate: 15fps (2560 × 1440), 30fps (1920 × 1080, 1280 × 720) Image Settings: Saturation, Brightness, Contrast, Hue, Sharpness, AGC, White Balance Day/Night Switch: Auto/Schedule/Triggered by Alarm In Network Storage: Built-in Micro SD/SDHC/SDXC slot, up to 128G, NAS (NFS, SMB/CIFS) Alarm Trigger: Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour General Function: User Authentication, Watermark, IP address filtering System Compatibility: ONVIF (Profile S, Profile G) Operating Conditions: -10 °C ~ 40 °C (14 °F ~ 104 °F) Humidity 90% or less (non-condensing) Power Supply: 12 VDC ± 10%, PoE (802.3af) Power Consumption: Max. 5.55 W	4

Anexa 15 (Low Light Camera with ANPR)

DI. Gîrbu Vasile

Coordonat

09.09.2018
Şef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

Denumirea componentei:	Parametrii minimi solicitați	Cantitatea
Low Light Camera with ANPR	Image Sensor: min. 1/1.8" Progressive Scan CMOS Min. Illumination: Color: 0.002 Lux (F1.2), 0 Lux with IR Shutter time: 1 s to 1/100,000 s Lens: 2.8-12mm Adjustment Range: 2.8-12 mm, F1.4, horizontal field of view: 92° to 32° Day& Night: IR cut filter with auto switch Wide Dynamic Range: 120 dB Video Compression: H.264+/H.264/MPEG4/MJPEG H.264 code profile: Baseline Profile/Main Profile/High Profile Video bit rate: 32Kbps~16Mbps Max. Image Resolution: 2MP Frame Rate: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) Image Settings: Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser Network Storage: microSD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS) Alarm Trigger: Road traffic, motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 General Function: One-key recovery, Anti-Flicker, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering System Compatibility: ONVIF (Profile S, Profile G) Communication Interface: 1 RJ45 10M/100M Ethernet port Built-in Micro SD/SDHC/SDXC slot, up to 128 GB IR Range: 850 nm IR wavelength, up to 50 meters for 2.8 to 12 mm lens Operation Condition: 30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) Power Supply: 12 VDC ± 10%, terminal block, PoE (802.3at, class 4) Weather Proof: IP67	12

Anexa 16 (Low Light Camera with ANPR)

Coordonat

DI. Gîrbu Vasile

04.09.2018
Şef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

Denumirea componentei:	Parametrii minimi solicitați	
Video Management Software	Easy User Interface Free of Charge Unlimited Cameras & Users Management software allows controlled recording access via the camera or directly to the NAS. Requiring no extra software, license or update costs and at the same time having no limits in terms of users, screens and cameras. Main Features: Addition of an unlimited number of cameras Grid Views with a focus window and many controls Quick display of particular cameras in the focus window Quick switching between Grid- and Graphic-Views Video with two-way audio using camera microphone and speaker Panning, tilting and zooming of the camera (PTZ) Privacy mode: temporary disabling camera functions (e.g., recording, live image) Image settings (brightness, color, contrast) Optical and audible alarming of new events Quick switching to the Playback-View to allow playback of events and continuous recordings Instant Player that allows for quick viewing of the latest events during live video monitoring operation A special Research View for easy viewing of a large number of events Easy use of multiple monitors by double-clicking on the live image, grid or event image A camera sequencer Event counter and preview (e.g., mailbox messages, alarms) Quick overview of all cameras and all recorded events Grouping of cameras and recordings Playing back all recorded messages and events Jog shuttle playback (forward and reverse), time lapse function Snapshot export into photo album Exporting with direct file server access Alarm handling Backup and restore app configurations Integrated help functions for easy operation Technical Info/Download free of charge: Can be downloaded from website	

Anexa 17 (LAN Passive)

Coordonat

DI. Gîrbu Vasile

Şef direcție, direcția Dezvoltare și securitate informațională,
Serviciului Vamal al Republicii Moldova;

Gori A.

Şef direcție control al trecerii frontierei Inspectoratul
General al Poliției de Frontieră MAI al Republicii Moldova;

Denumirea componentei:	Parametrii minimi solicitați	Cantitatea
Rack 19" 42U	19" Rack-Mount 42U/800*1000 Front perforated door, rear double perforated door, removeable side panels with locks, 4 feet and 4 castors, 20 set M6 square screw and nuts, 2 cable management 42U, height 2100mm, black color, with fan unit and thermostat.	4
Rack 19" 9U	19" Rack-Mount 9U/600*600	2
Rack 19" 6U	19" Rack-Mount 6U/600*600	13
Patch-panel	19" 24xRJ45/1U Cat5e UTP with Support Bar, tool Krone & 110	31
Cable management	1U	31
Keystone Jack	RJ45 fully shielded (STP), cat.5e, tool 110	64
Patch-cord	FTP cat.5e, 0,5m	230
Patch-cord	UTP cat.5e, 3m	200
Cable	Cat. 5e SF/UTP. Application: IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; IEEE 802.5 16 MB; ISDN; TPDDI; ATM Power over Ethernet (PoE) / PoE+ Standards: EN 50173-1; EN 50288-2-1 ISO/IEC 11801; IEC 61156-5 TIA/EIA-568-C.2; IEC 60332-3-24; IEC 60332-1; IEC 60754-2; IEC 61034 IEEE 802.3at Temperature range: -20°C to + 60°C	Conform BoQ
Optical cable	OS2 Outdoor Single-mode with 24 fibers. Standards: ITU-T G.652C/D; IEC/EN 60794-3-10; EN 187 000, IEC 60794-3, IEC 60794-3-10, IEC 60794-3-12, ISO 11801 2nd edition Temperature range: -40°C to + 70°C	Conform BoQ