

STATEMENT OF WORK

Name of products:

Local vendor is required to provide surveillance cameras with licensed software:

- HIKVISION NETWORK CAMERA DS-2CD2542FWD-IS-4/6 MM WITH MICROPHONE -20 ea;
- HIKVISION 4MP NETWORK CAMERA DS-2CD2342WD-I-2.8MM - 20 ea ;
- MILESTONE XPROTECT PROFESSIONAL BASE LICENSE SOFTWARE - 1 ea;
- MILESTONE XPROTECT PROFESSIONAL CAMERA LICENSE – 96 ea ;

The vendor is required to provide **a two-years warranty** for cameras with ability to replace damaged cameras **locally (in Ukraine)**.

Deadline:

Requested items should be delivered to the U.S. Embassy to Ukraine within 30 days after contract is awarded.

HIKVISION NETWORK CAMERA DS-2CD2542FWD-IS-4/6 MM WITH MICROPHONE:
quantity 20 ea



SPECIFICATIONS:

CAMERA	
Environment:	outdoor (IP66)
Type:	fixed
Sensor:	1/3" progressive scan CMOS
Lens:	4mm @ F2.0 horizontal angle of view: 83° or 6mm @ F2.0 horizontal angle of view: 56°
Power:	12 VDC ± 10%, PoE (802.3af)
Audio:	G.711/G.722/MP2L2 compression, 64Kbps (G.711)/16Kbps (G.722.1) bit rate
VIDEO	
Resolution:	2688 × 1520
Compression:	H.264/MJPEG, H.264. main profile
Frame-rate:	20fps (2048 x 1536), 25fps (1920 × 1080) (1280 x 720)
Day/night:	infrared-cut filter with auto switch (auto/schedule/alarm trigger), IR range up to 10m
Minimum illumination:	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Imaging:	rotate mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser, zone configurable back light compensation (BLC), wide dynamic range, 3D noise reduction
VIEWING, DETECTION & RECORDING	
Privacy masking:	yes
Alarm detection:	video motion detection, tampering alarm, IP address conflict
Alarm action:	full screen monitoring, send email, trigger output, notify surveillance centre
On-camera recording:	built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
Direct-to-NAS storage:	yes, supports NFS, SMB/CIFS
Recording software included:	Hikvision iVMS-4200 video management software
CONNECTIONS	
Network:	1 RJ45 10 M/100 M Ethernet interface with PoE
Audio:	1-ch audio I/O
Alarm I/O:	1-ch alarm I/O
OTHER	
Dimensions:	99.3 (W) × 96.7 (L) × 52.8 (H) mm
Weight:	0.6kg
Warranty:	2 years
Mounting methods:	ceiling, pendant mount available separately

Operating temperatures:	-30°C to 60°C humidity 95% or less (non-condensing)
Power consumption:	max. 5W
Dynamic DNS:	yes
Protocols supported:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, IPv6, Bonjour

HIKVISION 4MP NETWORK CAMERA DS-2CD2342WD-I-2.8MM:
quantity 20 ea

SPECIFICATIONS:



CAMERA	
Environment:	Outdoor (ip66)
Type:	Fixed
Sensor:	1/3" progressive scan cmos
Lens:	2.8 mm @ f.20, horizontal viewing angle: 106°
Power:	12 vdc ± 10% , poe (802.3af)
VIDEO	
Resolution:	Max. 2688 x 1520
Compression:	Main profile h.264/mjpeg
Frame-rate:	20fps (2688×1520), 25fps (1920×1080) (1280×720)
Day/night:	Ir cut filter with auto switch, exir ir leds approx. 30m
Minimum illumination:	0.01LUX @ (F1.2, AGC ON), 0 LUX WITH IR
Imaging:	Rotate mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser, zone configurable blc, wdr, 3d dnr
VIEWING, DETECTION & RECORDING	
Privacy masking:	Yes
Alarm detection:	Video motion detection, tampering alarm, storage exception
On-camera recording:	Not supported
Direct-to-nas storage:	Yes (nfs, smb/cifs)
Recording software included:	Hikvision ivms-4200
CONNECTIONS	
Power:	12 vdc ± 10% , poe (802.3af)
Network:	1 rj45 10m/100m Ethernet port
Other	
Dimensions:	Ø 127×97.5mm
Weight:	0.67kg

Warranty:	2 years
Mounting methods:	Wall, ceiling
Operating temperatures:	-30 °c to 60 °c
Power consumption:	Max. 5.5w (7.5w with icr on)
Dynamic dns:	Yes
Protocols supported:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPNP, SMTP, SNMP, IGMP, 802.1X, IPV6, BONJOUR

MILESTONE XPROTECT PROFESSIONAL BASE LICENSE SOFTWARE:

quantity 1ea

SPECIFICATIONS:

<p>Server Compatible Requirements</p>	<p>XProtect Professional Server 8.1a:</p> <p>Hardware Platform: CPU: Intel Pentium 4, 2.4 GHz or higher (Core 2 recommended) RAM: Minimum 2 GB (4 GB or more recommended) Memory: Minimum 10 GB free hard disk space available, excluding space needed for recordings Ethernet: 1 GB recommended HDD: E-IDE, PATA, SATA, SCSI, SAS (7,200 RPM or faster) Graphics: Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16-bit colors</p> <p>Operating System: Microsoft Windows XP Professional (32-bit or 64-bit), Windows Server 2003 (32-bit or 64-bit), Windows Server 2008 R1 / R2 (32-bit or 64-bit), Windows Vista Business (32-bit or 64-bit), Vista Enterprise(32-bit or 64-bit), Windows Vista Ultimate (32-bit or 64-bit), Windows 7 Professional (32-bit or 64-bit), Windows 7 Enterprise (32-bit or 64-bit), and Windows 7 Ultimate (32-bit or 64-bit)</p> <p>Software: Microsoft .NET 4.0 Framework, DirectX 9.0 or newer, Windows Help (WinHlp32.exe)</p>
<p>Client Compatible Requirements</p>	<p>XProtect Smart Client 7.0b and XProtect Smart Client-Player:</p> <p>Hardware Platform: CPU: Intel Core2 Duo, minimum 2.4 GHz or higher (more powerful CPU recommended for XProtect Smart Clients running a high number of cameras and multiple views and displays) RAM: Minimum 2 GB (higher RAM recommended for</p>

XProtect Smart Clients running high number of cameras and multiple views and displays)
Network: Ethernet (100 Mbit or higher recommended)
HDD: Minimum 1 GB free
Graphics Adapter: AGP or PCI-Express, minimum 10 x 768 (1280 x 1024 recommended), 16 bit colors

Operating system: Microsoft Windows XP Professional (32-bit or 64-bit), Windows Server 2003 (32-bit or 64-bit), Windows Server 2008 R1/R2 (32-bit or 64-bit), Windows Vista Business (32-bit or 64-bit), Windows Vista Enterprise (32-bit or 64-bit), Windows Vista Ultimate (32-bit or 64-bit), Windows 7 Professional (32-bit or 64-bit), Windows 7 Enterprise (32-bit or 64-bit) and Windows 7 Ultimate (32-bit or 64-bit)

Software: Microsoft .NET 4.0 Framework, DirectX 9.0.
Windows Help (WinHlp32.exe)

XProtect Web Client 1.0a:

Hardware platform:

CPU: Intel Core2 Duo, minimum 2.4 GHz or higher (more powerful CPU recommended for XProtect Web Clients running a high number of cameras or multiple instances)
RAM: Minimum 2 GB (higher RAM recommended for XProtect Web Clients running a high number of cameras or multiple instances)

Network: Any connection to the XProtect Mobile server (10 Mbit or higher recommended)

Screen: WXGA or higher recommended (1280 x 720) 16-bit colors

HDD: Minimum 1 GB free on machine where the XProtect Mobile server is installed (needed for exports)

Browser: Microsoft Internet Explorer 9 or later, Safari 5 or later, Google Chrome 16 or later, Mozilla Firefox 11 or later

MILESTONE XPROTECT PROFESSIONAL CAMERA LICENSE:
quantity: 96 ea

SPECIFICATIONS:

The Milestone Systems XProtect Professional Camera License enables to add one camera to the XProtect system. **One license is required per one camera channel.**

