



OFFICE OF THE PRINCIPAL

SHISHU ANANTA MAHAVIDYALAYA, BALIPATNA, KHORDHA

QUOTATION CALL NOTICE

No. 320/SAM

Date 17.09.2025

Sealed quotations are invited from reputed firms having valid GST number for supply of IP cameras with its accessories as per the attached specifications for installation of the same in various locations of the Academic Block, Girls' Common Room & Academic Block Corridors of this institution for smooth tracking and monitoring of day-to-day activities. Interested firms are requested to submit their sealed quotations to the undersigned by hand **during college office hours or by registered/speed post latest by 22.09.2025.**

No quotations will be received by hand or through post after 22.09.2025.

The authority has all kinds of rights to cancel or change the work order in case of any anomaly found later on without assigning any reason thereof.

N.B: There will be no compromise with the quality of the IP cameras & its accessories.

Durgha
17.09.25
PRINCIPAL

Principal
S. A. Mahavidyalaya
Balipatna, Khordha

Camera	
Image Sensor	AL-8002-MPC-HD2LM
Min Illumination	1/2 8"CMOS
Shutter Time	Color:0.02Lux@(F2.0,AGC ON),B/W 0Lux with IR
Day&Night	1s~1/10000s
WDR	IR-cut filter with auto switch (ICR)
Angle Adjustment	DWDR
Lens	0~340°(P), 0~75°(T), 0~360°(R)
Lens	
Lens Type	Fixed focal lens
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F2.0
Field of View	99.7°(H); 55.1°(V), 113.9°(D)
Illuminator	
IR LEDs	2
IR Distance	30m
Wavelength	850nm
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H
Video Bit Rate	32k~6Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio Sampling Rate	8kHz/32kHz/48kHz
Image	
Max. Resolution	1920×1080@30fps
Main Stream	PAL:25fps(1920×1080, 1280×720, 640×480, 704×576) NTSC:30fps(1920×1080, 1280×720, 640×480, 704×480)
Sub Stream	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
ROI	8 rectangular static areas
OSD	Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters or 16 Chinese characters per region; 16*16/32*32/48*48
Privacy Mask	4 black static areas
Defog	Yes
Feature	
Alarm Trigger	Motion Detection, Mask Alarm, IP Address Conflict
Linkage Method	trigger capture
Video Analytics	Tripwire, Perimeter
Rules of behavior analyse in 1 scene	2
Network	
Protocols	HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; DHCP; DNS; DDNS; Easy DDNS; NTP; QoS; IPv4; SSH; Unicast; RTSP; FTP
System Compatibility	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T; CGI; Milestone
Remote Connection	≤2
Client	Alcon Smart Surveillance
Mobile Client	Alcon View
Interface	
Communication Interface	1*RJ-45,10/100 Mbps self-adaptive Ethernet port
General	
Web Client Language	15 languages English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/Vietnamese/ German/Ukrainian/Portuguese/Albanian
Operating Temperature	-30°C~60°C(No turning on the light)
Operating Humidity	Humidity 95% or less (no condensation)
Storage Temperature	-30°C~60°C
Storage Humidity	Humidity 95% or less (no condensation)
Power Supply	POE 802.3af,MAX 7W
Protection	Surge4000V; ESD6000V; IP66
Boundary Dimensions	117(L)117(W)96(H)mm
Package Dimensions	140(L)140(W)120(H)mm
GrossWeight	0.42kg
Certification	FCC, CE, BIS & RoHS

Camera	
Image Sensor	AL-5001-MPC-HD2LM
Min. Illumination	1/2 8"CMOS
Shutter Time	Color 0.02Lux@(F2.0,AGC ON),B/W 0Lux with IR
Day&Night	1s-1/100000s
WDR	IR-cut filter with auto switch (ICR)
Angle Adjustment	DWDR
Lens	0-360° 0-80° 0-360°
Lens Type	Fixed
Focal Length	4mm
Lens Mount	M12
Aperture Range	F2.0,Fixed
Field of View	83.3°(H),46.8°(V),95.5°(D)
Illuminator	
IR LEDs	2
IR Distance	50m
Wavelength	850nm
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H
Video Bit Rate	32k-6Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio Sampling Rate	8kHz/32kHz/48kHz
Image	
Max. Resolution	1920x1080@30fps
Main Stream	PAL
	25fps(1920x1080,1280x720,640x480,704x576)
	NTSC
Sub Stream	30fps(1920x1080,1280x720,640x480,704x480)
	PAL 25fps(704x576,704x288,640x360,352x288)
	NTSC 30fps(704x480,704x240,640x360,352x240)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-auto/Manual/Sunny/Natural light/Warm light/Sodium lamp/Incandescent lamp/Locked white balance
ROI	8 regions
Privacy Mask	4 regions
Defog	Yes
Feature	
Alarm Trigger	Motion Detection,Mask Alarm,Disk Full,Disk R/W Error,IP Address Conflict
Linkage Method	trigger recording,trigger
	capture,notify surveillance center
Video Analytics	Tripwire,Perimeter
Rules of behavior analyse in 1 scene	2
Network	
Protocols	HTTP,HTTPS,TCP/IP,UDP,UPnP,ICMP,DHCP,DNS,DDNS,Easy DDNS,NTP,QoS,IPv4,SSH,Unicast,RTSP,FTP
System Compatibility	P2P(Mutually exclusive with Profile G),onvif Profile S/T/G,CGI,MIL STONE
Remote Connection	≤2
Client	Alcon Smart Surveillance
Mobile Client	Alcon View
Web	IE10+,Firefox52+,Edge89+,Safari11+,Chrome57+
Interface	
Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port
Built-In Mic	Yes
General	
Web Client Language	15languages
	Simple
	English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-30°C-60°C
Operating Humidity	0-95%
Storage Temperature	-30°C-60°C
Storage Humidity	0-95%(non-condensing)
Power Supply	DC 12V±25% MAX 6.5W,POE 802.3af,MAX 7W
Protection	Surge protection 2000V,Lightning proof 6000V,IP67
Boundary Dimensions	165(L)73(W)73(H)mm
Package Dimensions	215(L)95(W)120(H)mm
GrossWeight	0.47kg
NetWeight	0.32kg
Certification	FCC, CE, BIS & RoHS

Video and Audio	KL-NVR3052-2D
Access Channel	32
Bandwidth	208Mbps
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×32; *. The length or width of camera resolution (each track) cannot exceed 4096 pixels
Playback Decoding Capability	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16
Third-party Camera Access	ONVIF, RTSP
HDMI Output	HDMI: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz), (2K)2560×1440(30Hz), (4K)3840×2160(30Hz)
VGA Output	VGA: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display	Simultaneous Output: VGA: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/20C/20D/25/32/36 HDMI: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/20C/20D/25/32/36
Audio Input	1-ch, 3.5mm
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, 3.5mm, using the audio input
OS Connection	
Video	S+265; H.265; S+264; H.264
Audio	G711A, G711U, AAC, ADPCM_DIV4
Stream Type	Video; Video & Audio
Network Protocol	802.1X, ARP, DDNS, DHCP, DNS, Easy DDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, Multicast, NFS, NTP, PPPoE, RTCP, RTP, RTSP, SMB/CIFS, SMTP, SNMP v1/v2/v3, SRTP, SSH, SSL, TLSv1.2, TLSv1.3, TCP/IP, UDP, Unicast, UPnP
Mobile Phone Access	Android, iOS, P2P
System Compatibility	ONVIF(Profile S/T/G), RTSP, CGI, SDK
Web	IE10+, Firefox52+, Edge89+, Safari11+, Chrome57+
Multi-channel Playback	16
Record Mode	Manual Recording, Alarm Recording, Schedule Recording
Storage Method	Local HDD
Backup	USB storage device, Network
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom
General Alarm	Motion Detection, Mask Alarm, Alarm Input(IPC), Alarm Input(NVR), Manual Alarm
Exceptions Alarm	Video Loss, IP Conflict, MAC Conflict, Network Disconnected, No Disk, Illegal Access, Disk group space alert, Disk Full, Disk R/W Error, Recording Abnormal, Abnormal found in smart of disk, Abnormal temperature of the disk, Hot-spare Exception, Voltage Alarm(IPC), RTC Failure
AI by Camera	Trippwire, Double Trippwire, Perimeter, Object Abandon, Object Missing, Loiter, Running, Parking, Heatmap, Video Abnormal, Audio Abnormal, On Duty Detection, Crowd Detection, Safety Helmet Detection, People Counting, Link to Tracking, Smoke and Fire Detection, Environmental Temperature Measurement, Face Detection, Human Body Temperature Measurement, Smart Motion, Human/Vehicle Classification
VCA Search	Heatmap, Early-warning Search, Behavior Search, Thermographic Retrieval, Duty Search, Face Search
Face Attributes	Gender, Age
HDD Capacity	Up to 10 TB capacity for each HDD
Disk Group	2 Disk Group
USB	2×USB2.0
HDMI	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA
Network Interface	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
SATA	2×SATA interface
Alarm I/O	4-ch, TTL inputs, 3mA, 3 VDC, 1-ch, relay output, 1A, 24VDC
UI Language	English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebrew, Arabic, Vietnamese, German, Ukrainian, Portuguese, Albanian
Power Supply	DC12V 3.3A
Power Consumption	<10W(HDD not included, idling)
NetWeight	1.6 kg
GrossWeight	3kg
Boundary Dimensions	341(L)273(W)47(H)mm
Package Dimensions	415(L)140(W)375(H)mm
Operating Temperature	-10°C~+55°C (+14°F~+131°F)
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	-20°C~+60°C (-4°F~+140°F)
Package Kit	Network Video Recorder, Screw Pack, Mouse, Power Adapter, European Standard Power Cord
Certification	CE, FCC, BIS & RoHS