



राप्ती सोनारी गाउँपालिका
RAPTI SONARI RURAL MUNICIPALITY
गाउँ कार्यपालिकाको कार्यालय



OFFICE OF THE RURAL MUNICIPAL EXECUTIVE

राप्ती सोनारी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
अर्घाखाँडा
लुम्बिनी प्रदेश, नेपाल

पत्र संख्या/Ref. No.:- २०८२/०८३

च.नं./ Dispatch No.:-

लुम्बिनी प्रदेश, नेपाल

LUMBINI PROVINCE, NEPAL

CCTV सामग्री खरिदका लागि शिलबन्दी दररेट पेश गर्ने सम्बन्धी ७ दिने सूचना!!

प्रथम पटक प्रकाशित मिति: २०८२/०८/०५

प्रस्तुत विषयका सम्बन्धमा यस कार्यालयमा तपसिल बमोजिम स्पेसीफिकेश भएका समानहरू लागत स्टिमिट तयार पारेको हुँदा स्पेसीफिकेश बमोजिमका समानहरूको शिलबन्दी दररेट यस कार्यालयमा सूचना प्रकाशित भएको मितिले ७ (सात) दिन भित्र उपलब्ध गराईदिनुहुन अनुरोध छ।

तपसिल

NVR 8 Port System

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0
	Facial recognition, perimeter protection, video structuralization, throwing objects from
AI by Camera	building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤)
Face Picture Library	512 KB, total capacity ≤ 1 GB) or Higher
Face Picture Comparison	8-ch
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Performance	4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
By Camera	All channels
By Camera	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; Up to 12 rules in total All channels
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
IP Video Input	8-ch
Incoming Bandwidth	80 Mbps or higher
Outgoing Bandwidth	256 Mbps or higher
HDMI Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz or higher
VGA Output	1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz or higher

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Video Output Mode	HDMI/VGA independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding Format	H.265+/H.265/H.264+/H.26432 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Recording Resolution	*: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous playback	8-ch
Live View Window Division	1/2/4/6/8/9
Aux Port Window Division	1/2/4/6/8/9
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI by NVR: 32-ch@1080p (30 fps)
Dual-Stream Recording	Support
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Stream Type	Video, Video & Audio
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,
Network Protocol	UPnP™, HTTP, HTTPS
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
SATA	2 SATA interfaces or higher
Capacity	Up to 14 TB capacity for each disk
Alarm In/Out	1-Apr
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Power Supply	Maximum 100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 30 W (without HDD)

Surveillance Monitor 22"

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(Signature)
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अगैया बाँके
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Screen Size	21.45 inch or Higher.
Active Display Area	478.656 (H) mm x 260.280 (V) mm or higher
Resolution	1920 x 1080 or higher
Backlight	E-LED
Pixel Pitch	0.241 (H) mm x 0.241 (V) mm or Higher
Brightness	250 cd/m ² Or higher
Viewing Angle	178° (H)/178° (V)
Color Depth	8 bit, 16.7 M Or higher
Contrast Ratio	1000:01:00 or Higher
Response Time	Maximum 6.5 ms
Refresh Rate	Typ 60 Hz, Max 100 Hz or higher
Haze	Haze 25%, 3H
Reliability	7 x 16 H
Color Gamut	72% NTSC
Video & Audio Input	HDMI 1.4 x 1, VGA x 1
Power Supply	Maximum DC 12V, 2.0A
Power Consumption	Maximum ≤ 24 W
Standby Consumption	Maximum ≤ 0.5 W
Packing List	Monitor x 1, Base component x 1, Power adapter (12 V, 2.0 A) x 1, HDMI cable (1.5 m) x 1, User manual x 1, Multilingual manual x 1
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	20% RH to 90% RH (Non-Condensing)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Humidity	10% RH to 90% RH (Non-Condensing)
Types	Wall Mount

Hard Drive Surveillance 1 TB

Interface	SATA 6Gb/s
Recording Technology	CMR
Drive Design	Air
Features and Performance	

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लुम्बिनी प्रदेश, नेपाल

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Drive Bays Supported	Up to 8
Cameras Supported	Up to 64
RV Sensors	—
Max Sustained Transfer Rate OD (MB/s)	180MB/s
Cache (MB)	256MB
Reliability/Data Integrity	
Tarnish Resistant	Yes
Load/Unload Cycles	600,000
Non recoverable Read Errors Rate, Max	1 per 10E14
Power-On Hours per year	8760
Workload Rate Limit (WRL) 1	180
Mean Time Between Failures (MTBF) (hours)	1000000hr
Warranty, Limited (years) 3	3
Power Management	
Startup Current, Typical (12V, A)	1.8A
Average Operating Power (W)	3.7W
Idle Average (W)	2.5W
Standby Mode/Sleep Mode, Typical (W)	0.25W
Voltage Tolerance (5V)	±5%
Voltage Tolerance (12V)	±10%
Environmental/Temperature	
Operating (ambient, min °C)	0°C
Operating (drive reported, max °C) 3	65
Non-operating (ambient, min °C)	-40°C
Physical	
Height (mm/in, max)	20.20mm/0.795in
Width (mm/in, max)	101.6mm/4.0in
Depth (mm/in, max)	146.99mm/5.787in
Weight (g/lb, typical)	415g/0.915lb

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AGARVA BANK

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Other Goods

S.N	Goods Name	Speciation
	Rack 4 U	U Size 4U Cab Depth 450mm or higher Cab Height 280mm or higher Cab Width 600mm or higher Fans 0 (Space for 2 fans) Shelves Can be added Cage Nuts Can be Added from Options Assembly Time Pre Assembled
	Installation	
	Assories other item (miscelitions RJ45,clip,banding rubber with wire,cctv camera angle ptz, and other hook need for office	
	MICRO -SD Card	128 GB

POE Switch

General	➤ Shell Metal material, fan-free design ➤ Operating Temperature-30 °C to 65 °C (-22 °F to 149 °F) ➤ Storage Temperature-40 °C to 85 °C (-40 °F to 185 °F) ➤ Operating Humidity5% to 95% (no condensation) ➤ Relative Humidity5% to 95% (no condensation) ➤ Power Supply48VDC, 1.35A ➤ Max. Power Consumption65 W ➤ Power Consumption in Idle5 W ➤ Installation Mode Desk-Mounted, Rail ➤ Surge Protection6 KV
Network Parameters	➤ Ports4 x Gigabit PoE port,2 x Gigabit fiber optical port ➤ MAC Address Table 2 K ➤ Switching Capacity12 Gbps ➤ Packet Forwarding Rate8.928 Mpps or higher ➤ Internal Cache1 Mbits
PoE Power Supply	➤ PoE Standard IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt ➤ PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	➤ Minimum Hi-PoE: Port 1 ➤ Minimum PoE: Ports 2 to 4
Max. Port Power	➤ Port 1: 60 W ➤ Ports 2 to 4: 30 W

2082

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Dialing Function	- Long Range Ports 3 to 4: up to 300 m - Long range performance may vary depend on camera model or cable condition. - Port Isolation Ports 1 to 4: port isolation mode to improve network security. - PoE Watchdog Ports 1 to 4: auto detect and restart the cameras that do not respond.
PoE Power Budget	Maximum 65 W
Approval	EMCFCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)
Safety	UL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU)

तपसिका सामग्रीहरू

Item	Description	Unit	Quantity	Total Price (in NRs)
1	NVR 8 Port Accusense 2 Sata	1 Pes	2	
2	POE Switch 4 port harsh 2 uplink	1 pes	5	
3	Monitor Surveillance 22"	1 Pes	4	
4	Hard Disk 1 TB surveillance	1 pes	2	
5	Rack 4 U	1 pes	2	
6	Micro SD Card		20	
7	Asso cories and other items	1pes	1	
8	Installation	1 point	9	
Total				
13 % VAT				
Grand Total				

अ.प.

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