



“औद्योगिक, पर्यटकीय र हरित नगर, स्वच्छ, सुरक्षित र समृद्ध नगर”

दमक नगरपालिका नगर कार्यपालिकाको कार्यालय



प.सं.: २०८२-०८३ सूचना शाखा
च.नं.:

दमक, झापा,
कोशी प्रदेश, नेपाल

☎ ०२३-५९७०००

श्री सम्पूर्ण सूचीकृत फर्महरु (सबै)



मिति: २०८२।१०।२९

बिषय: आर्थिक प्रस्ताव पेश गर्ने सम्बन्धमा ।

यस दमक नगरपालिका, नगर कार्यपालिकाको मिति २०८२।१०।२८ गतेको निर्णयानुसार पुष्प-धरेन्द्र स्मृति प्रतिष्ठान, दमकमा ICT Items & CCTV खरिद गरि जडान गर्नुपर्ने भएकोले BOQ अनुसारको आर्थिक प्रस्ताव मिति २०८२।११।०४ गते सोमवार १२ बजे सम्ममा दमक नगरपालिकाको सूचना प्रविधि शाखामा उपलब्ध गराइदिनुहुन सम्पूर्ण सूचीकृत फर्महरुलाई अनुरोध छ । सोही दिन दिनको १:०० बजे आर्थिक प्रस्ताव खोलिने व्यहोरा समेत जानकारीको लागि अनुरोध छ ।

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सुनिष्ठ निरौला

प्रमुख प्रशासकीय अधिकृत

आवश्यक कागजातहरु:

- फर्म दर्ता
- अधिल्लो आ.व. को कर चुक्ता
- भ्याट रजिस्ट्रेशन
- Filled Technical Specification Compliance Sheet

नोट: टेक्निकल स्पेसिफिकेशन दमक नगरपालिकाको वेबसाइट damakmun.gov.np मा राखिएको

Bill of Quantity (BOQ)



To Damak Municipality,
Office of Municipal Executive
Damak, Jhapa
Koshi Province, Nepal

***Subject: Rate Submission for ICT Items & CCTV for Puspa Dhirendra Smriti Pratisthan,
Damak , FY 2082-083***

SN	Item	Unit	Qty	Unit Price	Unit Price in Words	Total
1	75" (4K UHD) Interactive Smart Board	pcs	1			
2	24" FHD Monitor	pcs	1			
3	Laptop (i5/16GB/512GB SSD/13th Gen/15'6)	pcs	1			
4	WXGA Projector	pcs	1			
5	Multifunction (A4) Laser Printer	pcs	1			
6	2 MP Fixed Bullet Network Camera (2.8mm)	pcs	5			
7	1 TB Surveillance HDD (6Gb/s, Cache 64 MB, Max Sustainable Transfer Rate OD 180MB/sRotational Speed: 5400 RPM class (or ~5900 RPM)	pcs	1			
8	8 Channel NVR	pcs	1			
9	Cloud Managed Non-PoE Switch (8-Port)	pcs	1			
10	Inculding Installation Camera, Interactive Smart Board, Cilp Accessories and Nails (All complete works)	Is	1			
Amount without Vat						
Vat 13%						
Total with Vat Amount						

Submitted By:

Signature:

Name of Designation of:

Signatory:

Firms Name:

Seal of the Firm:

"Industrial, Touristic and Green City, Clean, Safe and Prosperous City"



Damak Municipality
Office of the Municipal Executive
Damak, Jhapa
Koshi Province, Nepal



Technical Compliance Sheet for 75" (4K UHD) Interactive Smart Board

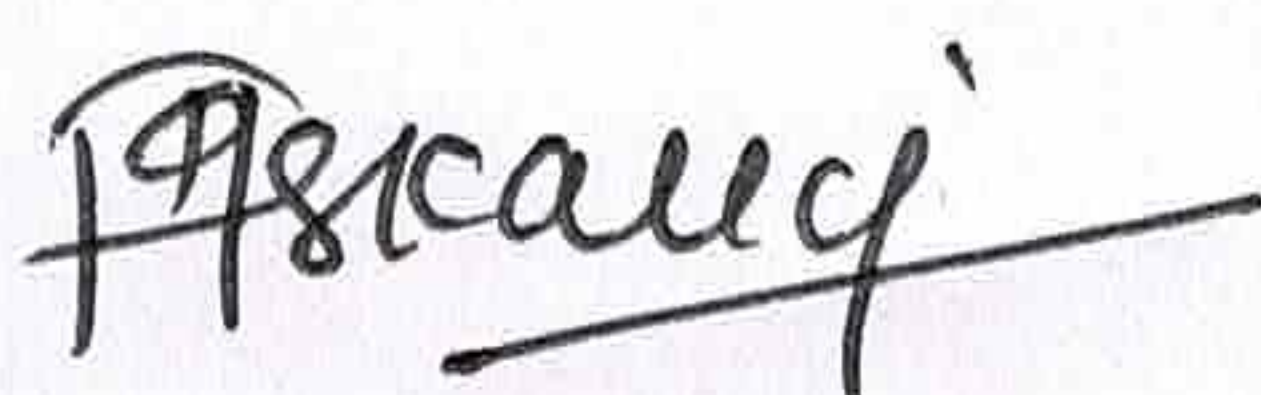
Feature	Specification	Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Screen Size	75 inches	
Screen Type	LCD (A regulation), D-LED backlight	
Backlight type	D-LED	
Display area	1649.66(H)×927.94(V)mm	
Resolution	3840×2160 (4K UHD)	
Brightness	450cd/m ²	
Response time	7ms	
Surface	Anti-glare glass	
Contrast	5000:1	
Frequency	60Hz	
Color gamut	72%NTSC (CIE1931)	
Viewing Angle	178°(H/V)	
Lifespan	> 50,000 hours	
Frequency	60Hz	
Service life	>50000H	
Chip	V100	
CPU	Octa-Core A55 1.2GHz up to 1.5GHz	
GPU	MaliG52 MC2 600MHz	
RAM	8 GB	
Storage	128 GB	
System type	Android 14.0 System	
Kernel	5.10	
Mother Board Interface	HDMI IN, USB2.0*2, AUDIO IN, AUDIO OUT, SPDIF, RJ45 IN, VGA IN, Micro SD slot*1, TOUCH Port*1	
Front Panel Interface	HDMI IN, USB3.0*2, Type-C port*1, TOUCH Port*1	
Media File Format	Video: Supports Mainstream Video Formats Such as MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv	

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	etc. Audio: Support MP3 and other audio formats Pictures:- Supports JPG, JPEG, BMP, PNG, GIF and other picture formats Text:- txt	
Camera	48 MP Camera and 8 Array Microphones	
Touch Specifications	Infrared Touch Box	
Dual System Support	Android and optional Windows (via OPS module)	
Touch Points	20 Points Touch	
Response Time	≤15ms	
Point Accuracy	More then 90%of the touch area is ±2mm	
Material	Aluminum alloy (frame), Sheet metal (rear)	
Power Input	AC100–240V ±10%, 50/60Hz	
Power Consumption	450W	
Operating Temp	0°C to 50°C	
Storage Temp	20°C to 60°C	
Warranty	Min 1 year Warranty	



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Prepared By:
Bikram Karki
Asst. Computer Operator



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Recommended By:
Sameep Chudal
IT Officer



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Approved By

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Damak Municipality
Office of the Municipal Executive

Damak-Jhapa
Koshi Province, Nepal



Technical Compliance Sheet for 24" FHD Monitor

Feature	Specification	Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Panel Size	24"	
Panel Resolution	1920 x 1080 (FHD)	
Refresh Rate	100Hz	
Response Time	8 ms (Normal mode), 5 ms (Fast mode) 4 ms (Extreme mode)	
Panel Type	IPS	
Viewing Angle	178°(H)/178°(V)	
Aspect Ratio	16:9	
Contrast Ratio	1500:1	
sRGB	99% sRGB (typical) (CIE1931)	
Active Display Area (mm)	597.89 mm x 336.31 mm	
Color Support	16.7 million colors	
Connectivity	2 x HDMI (HDCP1.4) (Supports up to FHD 1920 x 1080 100Hz, as per specified in HDMI1.4)	
Security	Security-lock slot (for Kensington locks, sold separately)	
Speaker	Integrated 2 x 5W speakers	
Power Input	100~240V, 50~60Hz	
Adjustment (Tilt)	-5° ~ 20°	
Warranty	1 Year	

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IT Officer

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Damak Municipality
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Koshi Province, Nepal



Technical Compliance Sheet for Laptop

Feature		Compliance (Fully Compliant, Partially Compliant, Non-Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Processor	Intel® Core™ i5-1335U processor (Up to 4.6GHz, 12MB smart cache , Deca Core)	
RAM	16GB DDR5 4800MHz	
Graphics	Intel UHD Graphics	
Display	15.6-inch IPS display; Full HD (1920 x 1080 pixels) resolution, high-brightness Acer Comfy View LED backlit TFT LCD	
Storage	512GB PCIe NVMe Gen3 SSD	
Connections	1x USB Type-C port supporting: • USB 3.2 Gen 2 (up to 10 Gbps) • DisplayPort over USB-C • USB charging 5 V; 3 A • DC-in port 19 V; 45 W 2x USB Standard A ports supporting • One port for USB 3.2 Gen 1 • One port for USB 3.2 Gen 2 1x HDMI® 2.1 port with HDCP support 1x DC-in jack for AC adapter 1x 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
Networking	802.11a/b/g/n/ac+ax wireless LAN Dual Band (2.4 GHz and 5 GHz) 2x2 MU-MIMO Technology Supports Bluetooth® 5.1 or above	
Battery	40 Wh 3-cell Li-ion battery	
Camera	720p at 30 fps HD camera, single-integrated microphone	
Audio & Video	Speakers	
Warranty	1 Year Warranty	

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Koshi Province, Nepal



Technical Compliance Sheet for WXGA Projector

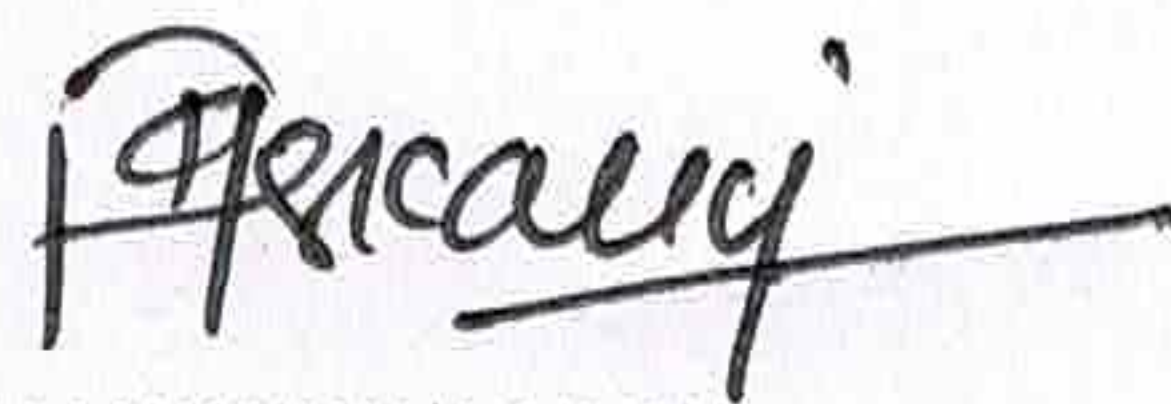
Feature	Specification	Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Projection System	DLP Single 0.65" WXGA	
Resolution	1280 x 800 pixels	
Brightness (ANSI lumens)	4000 ANSI Lumens	
Contrast Ratio (FOFO)	20000:1	
Display Color	30 Bits (1,07 billion colors)	
Native Aspect Ratio	Native 16:10	
	(5 aspect ratio selectable)	
Light Source	Lamp	
Light Source life*	Normal 6000 hr	
	Economic 10000 hr	
	Smart Eco 10000 hr.	
	Lamp Save 15000hr	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
Throw Ratio	1.55~1.7 (87" ±3% @ 2.9m)	
Zoom Ratio	1.1X	
Projection Offset**	100%±2.5% (Full-Height)	
Projection Size	60"~150"	
Keystone Correction	Auto ID, Vertical +/- 40 degrees	
Speaker	10W x 1	
Security	Security Bar, Kensington lock	
Feature	1D Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode,	

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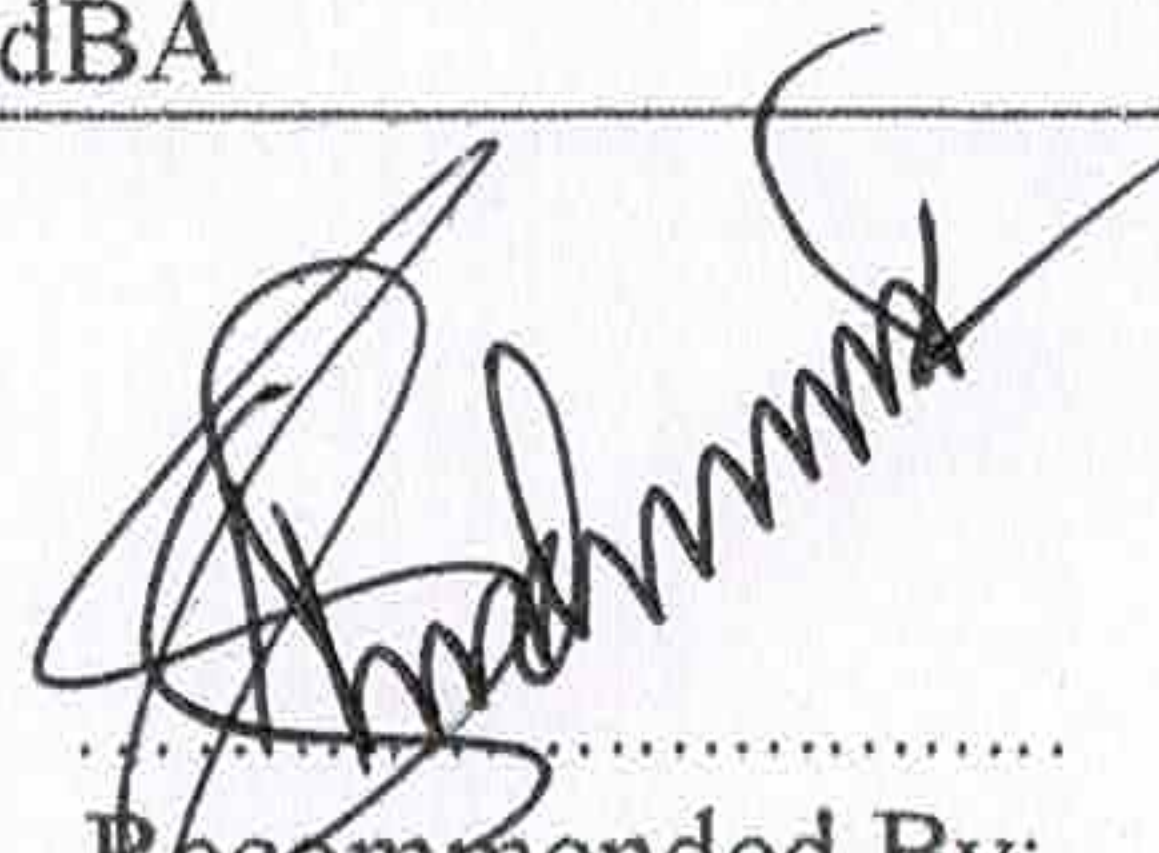
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	Infographic Mode, Video Mode, Srgb Mode	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
Horizontal Frequency	15K~102KHz	
Vertical Scan Rate	23 ~ 120 Hz	
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p), HDTV (720p, 1080i/p 60Hz)	
HDMI	HDMI-1 x1	
	HDMI-2 x1	
PC (D-sub 15pin)	x1	
Monitor out (D-sub 15pin,Female)	x1	
Audio in (mini jack)	x1	
Audio out (mini jack)	x1	
RS232 In (D-sub 9pin, male)	x1	
USB TypeA-1	x1 (1.5A power)	
USB Type mini B	x1	
IR Receiver(Front+Top)	x2	
S-Video	x1	
Composite Video(RCA)	x1	
Power Consumption(Max/Normal/Eco)	Max 280W, Normal 260W, Eco 215W	
Standby Power Consumption	Normal < 0.5Watts.	
Power Supply	100 ~ 240V AC	
Noise Level(Normal/Eco)	34 /29 dBA	



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Asst. Computer Operator



Recommended By:
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IT Officer



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Technical Compliance Sheet for Multifunction (A4) Laser Printer

Feature	Specification	Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Printer Type	Mono Laser Printer	
Functions	Print, Copy, Scan	
Print Speed	Up to 30 pages per minute (ppm)	
Print Resolution	600 x 600 dpi, HQ1200 (2400 x 600 dpi) quality	
Additional Features	Auto-Duplex	
Paper Weight	60 – 163 gsm	
Processor & Memory	266MHz processor, 32 MB memory	
Paper Input (Front)	250 Sheets	
Multipurpose Tray	100 Sheets	
Connectivity	Hi-SpeedUSB2.0, Ethernet 10Base-T/100Base-TX, Wireless LAN IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode), IEEE 802.11g/n (Wi-Fi Direct)	
Power Consumption	Operation: 480W, Standby: 9W	
Toner Cartridge Yield	Cartridge 070 / 070H (3100 / 10000 pages)	
REC (A4) Monthly Print	2000 – 5000 pages	
Monthly Duty Cycle	80000 pages	
Display	LCD	

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Koshi Province, Nepal



Technical Compliance Sheet for MP Fixed Network Bullet Camera

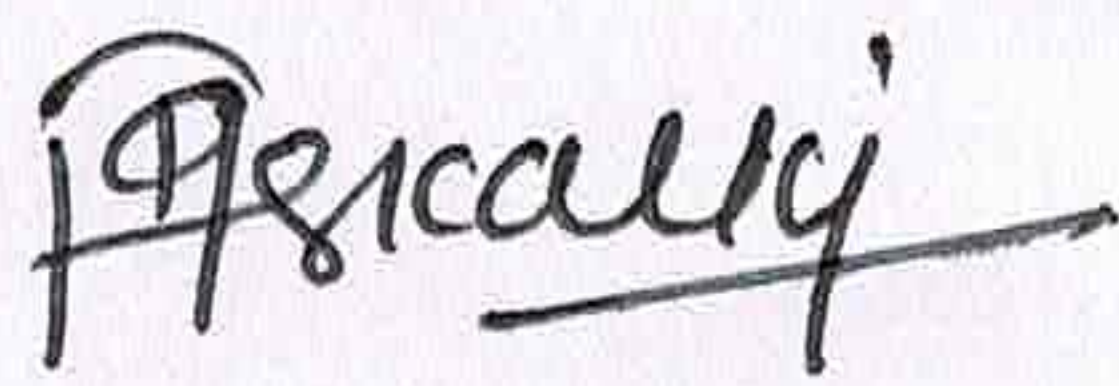
Feature	Specification	Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Image Sensor	1/2.7" Progressive Scan CMOS	
Max. Resolution	1920 × 1080 (2 MP)	
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	
Shutter Time	1/3 s to 1/100, 000 s	
Day & Night	IR cut filter	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	
Focal Length & FOV	2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV 132.2° 4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6°	
Lens Mount	M12	
Iris Type	Fixed	
Aperture	F2.0	
IR Range	Up to 30 m with EXIR 2.0 technology	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)	
Video Compression	Main Stream: H.265/H.264/H.264+/H.265+ Sub-Stream: H.265/H.264/MJPEG	
Video Bit Rate	32 Kbps to 8 Mbps	
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	
Wide Dynamic Range	Digital WDR (DWDR)	
Image Enhancement	BLC (Back Light Compensation), 3D DNR (Digital Noise Reduction)	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port	

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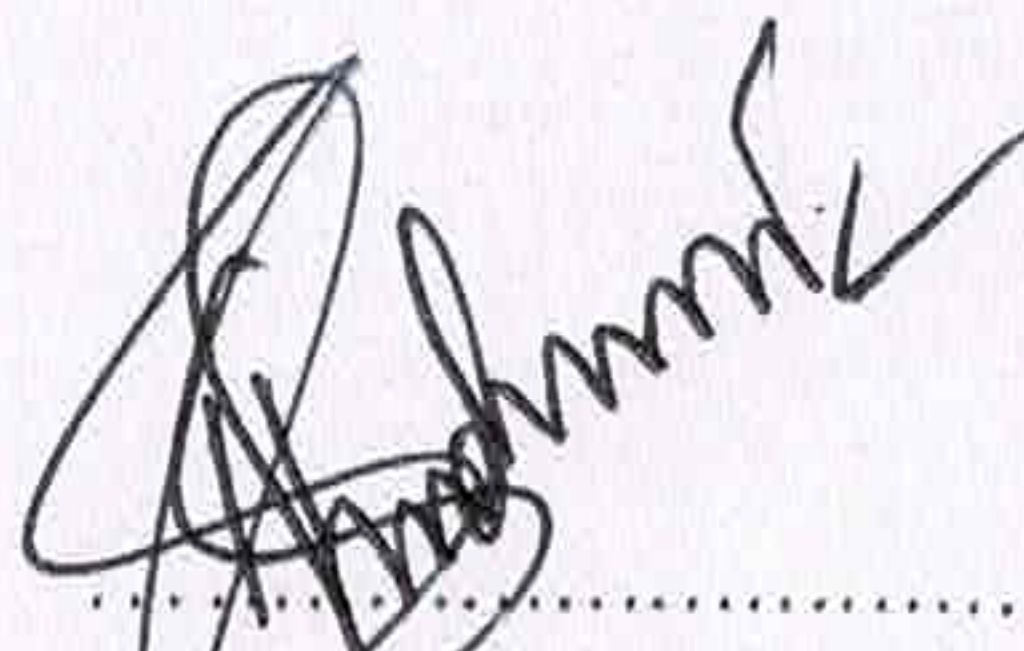
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Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS	
Power Supply	12 VDC $\pm$ 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	
Protection Level	IP67 (water and dust resistant)	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F)	



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