

Revised Technical Specification**Supply, Installation and Commissioning of CCTV Surveillance System**

Sl. No	Description of Items	Particulars	Make
1	Bullet Camera	2MP 1/2.8" CMOS image sensor, low luminance, and high definition image, Outputs max. 2MP (1920 × 1080) @25/30 fps, Support Triple Stream, Built-in IR LED, and the max. illumination distance is 60 m – 80 m, Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, Intelligent monitoring: Intrusion, tripwire, Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB micro SD card, · 12V DC/PoE power supply. IP67, Motorized vari-focal lens 2.7mm–13.5mm	Reputed make
		4MP, 1/3" CMOS image sensor, low illumination, high image definition, Outputs 4MP (2560 × 1440)@25/30 fps, max. supports 4MP (2688 × 1520) @20 fps, Support Triple Stream,Built-in IR LED, max IR distance: 60 m – 80 m, Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, Intelligent detection: Intrusion, tripwire, Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB Micro SD card, 12V DC/PoE power supply, IP67 protection, Motorized vari-focal lens 2.7mm–13.5mm	-do-
2	Dome Camera	2MP 1/2.8" CMOS image sensor, low luminance, and high definition image, Outputs max. 2MP (1920 × 1080) @25/30 fps, Support Triple Stream, Built-in IR LED, and the max. illumination distance is 40 m, Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, Intelligent monitoring: Intrusion, tripwire, · Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 G micro SD card.12V DC/PoE power supply.IP67, IK10 protection. Motorized vari-focal lens 2.7mm–13.5mm	-do-
3	NVR 8 CH	Video Channel 8 Input, H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch, Max. decoding capability: 8 × 1080p@30 fps., VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K, AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD, 2 SATA III ports, up	Reputed make

  
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		to 10 TB for a single HDD, Access: 160 Mbps; Storage: 160 Mbps; Forward: 64 Mbps, Resolution- 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1, 1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port, Power Supply - 12 V DC, 4 A,	
4	NVR 16 CH	Video Channel 16 Input, H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch, Max. decoding capability: 8 × 1080p@30 fps., VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K, AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD, 2 SATA III ports, up to 10 TB for a single HDD, Access: 160 Mbps; Storage: 160 Mbps; Forward: 64 Mbps, Resolution- 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1, 1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port, Power Supply - 12 V DC, 4 A	Reputed make
5	NVR 32 CH	Video Channel 32 Input, H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch, Max. decoding capability: 8 × 1080p@30 fps., VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K, AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD, 2 SATA III ports, up to 10 TB for a single HDD, Access: 160 Mbps; Storage: 160 Mbps; Forward: 64 Mbps, Resolution- 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1, 1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port, Power Supply - 12 V DC, 4 A	-do-
6	HDD	8 TB Surveillance HDD	Reputed make
7	Monitor	32 Inches LED Monitor, Resolution - FHD (1920 x 1080), Contrast Ratio 5000:1, Brightness-400, Connectivity - 2HDMI, USB & Rj 45	Reputed make
8	Ethernet POE switch	8 port full giga POE with 2 Uplink Port 10/100/1000 Power watts 120 W	-do-
9	UPS	1KVA Online UPS with 1Hrs. backup with external Battery & stand	Reputed make
10	Power cable	3 Crore 1.5 mm Power cable with laying	
11	Cabling	UTP Cable laying through PVC Pipe with ISI Standards (As per the requirement)	

  
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12	Cable	Cat 6 UTP cable (305 Mtr.)	
13	Networking Rack	9U wall mount Rack with all accessories for rack mounting	
14	Installation	Labour charges for cabling with PVC pipe and accessories and also Installation, Integration & Hand holding & Support Services (2 Years).	
		IF required, digging with filling GI pipe for cable laying	
15	Helpdesk Support	Help Desk Operator should be available from Monday to Saturdays from 10.00 AM to 6.00 PM.	

  
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