

CCTV System - Technical & Product Specifications

CCTV 6MP IP Camera

Technical Specifications	Product Specifications
Image Sensor: 1/2.7" Progressive Scan CMOS	Dome/Bullet type as required
Resolution: 6 Megapixel (3072 × 2048)	Metal housing for outdoor use
Lens: 2.8-12 mm motorized/varifocal	Day/Night ICR (IR Cut Filter)
IR Range: Up to 30-50 meters	Wide Dynamic Range ≥120 dB
Compression: H.265/H.264 dual stream	Smart motion/intrusion detection
Min Illumination: 0.01 Lux	
Power: PoE IEEE 802.3af / 12V DC	
Protection: IP67, IK10 vandal resistant	

POE Switch 8 Port

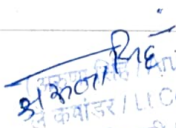
Technical Specifications	Product Specifications
8 × 10/100 Mbps PoE + 2 uplink ports	Metal rack mountable
PoE Standard: IEEE 802.3af/at	Plug & Play, no config needed
PoE Budget: ≥120W	Surge protection
Switching Capacity: ≥5.6 Gbps	LED indicators
Power Input: 100-240V AC	

NVR 4 Channel

Technical Specifications	Product Specifications
Supports 4 IP cameras	Embedded Linux OS
Recording: Up to 8MP resolution	Remote mobile/web access
Compression: H.265+/H.265/H.264+	Smart search & playback
Bandwidth: ≥40 Mbps	Alarm & motion recording
Output: HDMI & VGA up to 4K	
HDD Bays: 1 × SATA (up to 10TB)	

Hard Disk 8TB

Technical Specifications	Product Specifications
Capacity: 8TB	Surveillance grade HDD


Aruna Singh
Lt Commander / Lt Commander
Met Officer / Met Officer

Interface: SATA III, 6 Gb/s	24x7 operation
Speed: 7200 RPM	Supports 64 HD video streams
Cache: 256 MB	Energy efficient
Workload: >180 TB/year	
MTBF: >1M hours	

Display Unit
Specification

Full HD
DMI x 2
Hz
≥2

Cat 6 Cable

Technical Specifications	Product Specifications
Category: CAT6, 23 AWG solid copper	Color coded twisted pairs
Bandwidth: 250 MHz	RoHS compliant
Speed: 1 Gbps (10 Gbps ≤55m)	PoE compatible
Insulation: HDPE	
Jacket: LSZH/PVC	

Wiring with Casing Patti

Technical Specifications	Product Specifications
PVC casing, ISI marked	White/ivory finish
Size ≥25x16 mm	Impact resistant
Fire retardant, UV stabilized	Indoor use durability
Wall mountable with cover locks	

Rack 6U

Technical Specifications	Product Specifications
6U, 19" standard rack	Wall/rack mount design
Approx. 600x550 mm	Cable management provided
Material: CRCA steel	Earthing & grounding included
Front door: toughened glass with lock	
Ventilation with fan provision	

3/20/11 12:16
 [Signature]
 [Title]
 [Company Name]

Display Unit

Technical Specifications	Product Specifications
Size: >32"	Wall/desk mount
Resolution: Full HD 1920×1080	Energy efficient ≤60W
Inputs: HDMI × 2, VGA × 1, USB × 2	Wide viewing angle ≥178°
Refresh: ≥60 Hz	
Brightness: ≥250 nits	

अरुणा सिंह

(अरुणा सिंह / Aruna Singh)
ले कमांडर / Lt Commander
मौसम अधिकारी / Met Officer