

SPECIFICATIONS FOR CCTV IP CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON); B/W: 0.001 Lux @(F1.2, AGC ON), 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
2-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 70°
Max. Resolution	1920 × 1080
Focal Length	2.8/4/6 mm
Lens Mount	M12
IR Range	2.8 mm, 4 mm: 20 meters 6 mm: 30 meters
Wavelength	850nm
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
Behavior Analysis	Line crossing detection, intrusion detection
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Day/Night/Auto/Schedule
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Day/Night Switch	Day/Night/Auto/Schedule
Network Storage	Support built-in micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR

SPECIFICATIONS FOR MICRO SD CARD

Total Capacity	256 GB (microSDXC)
Maximum Read Speed	90 MB/s
Maximum Write Speed	90 MB/s
NAND Flash Memory	TLC
Speed	Class 10, UHS-III
Compatibility	microSDHC, microSDXC, microSDHC UHS-I, microSDXC UHS-I
Warranty	2 Years

SPECIFICATIONS FOR EXTERNAL HDD

Total Capacity	8TB
Power Supply	With Built-In Dedicated Power Supply
Warranty	3 Years

Revised

Annex D-1

SPECIFICATIONS
STAND ALONE – NETWORK VIDEO RECORDER:

Date Prepared: August 29, 2017

Particulars	Specifications
Feature	Auto power-on and record feature
Video Compression	H.264+ or higher enable
Video Input	Sixteen (16) channels or more
Video Output	With VGA output for LCD monitor
Hard Disk	8TB SATA HDD internal storage or higher
Interface	All 16 ports must be Power over Ethernet (PoE) Compatible with IVMS 4200 software or better With USB ports for mouse and external storage devices
Power Supply	100-240 VAC
Monitor	21-inch LCD display
Warranty	3 years warranty on parts and labor
*Warranty Package:	
a. Service for the repair / replacement of parts must be accomplished within 48 hours upon receipt of notice. However, service repairs for remote areas and provinces should be done within reasonable time based on location, mode of travel available or for any valid reason that is beyond the control of the provider such as <i>force majeure</i> etc.	
b. The service repair must be done onsite.	
c. Warranty shall include costs on labor, parts and incidental charges from travel and lodging except under the following conditions: damages caused by fire, earthquake, flood, spilling of food and drinks, roof leakage, civil disturbance, and accidental dropping of the unit.	
d. Each equipment must have a Sticker containing the contact number for the repair of the unit.	

MINIMUM SPECIFICATIONS:

MONITOR FOR CCTV SYSTEM [for Field Units]

- Color LCD Display
- At least 21" inches
- Supports VGA output

MINIMUM SPECIFICATIONS

Power Over Ethernet (PoE) Switch:

PoE Ports

- 16 auto speed-sensing 10/100/1000
- Advanced auto-sensing algorithm gives power only to 802.3af end devices
- Can supply **(to all 16 ports)** industry-standard IEEE 802.3af power
- RJ-45 ports

Network Protocol and Standards

- IEEE 802.3i 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.1p priority tags
- IEEE 802.3x Flow Control
- IEEE 802.3af DTE Power via MDI