

## TECHNICAL SPECIFICATION – CCTV SURVEILLANCE SYSTEM

Components/Particulars	CCTV Surveillance System	
	16-Channel	32-Channel
<b>5MP Dome Type Camera</b>		
- Camera Resolution	5MP @ 20fps, 4MP @25/30fps	
- Built-in IR LED	Yes	
- Lens Type	Fixed-focal	
- Focal Length	2.8mm; 3.6mm	
- Feature	Motion Detection	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	12V DC/PoE	
- Protection	Not less than IP66	
- Inclusive	Junction box, mounting bracket/s, other accessories necessary to operate the camera	
<b>5MP Bullet Type Camera</b>		
- Camera Resolution	5MP @ 20fps, 4MP @25/30fps	
- Built-in IR LED	Yes	
- Lens Type	Fixed-focal	
- Focal Length	2.8mm; 3.6mm	
- Feature	Motion Detection	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	12V DC/PoE	
- Protection	Not less than IP66	
- Inclusive	Junction box, mounting bracket/s, other accessories necessary to operate the camera	
<b>Network Video Recorder w/ Internal HDD</b>		
- Capacity	To meet 60 days' real-time retention period	
	- Interface : SATA - Cache : ≥256MB - Transfer Rate : ≥230MB/s - Operating Temp. : ≤65°C	
- SATA Port	≥ 4 SATA ports, ≥ 8TB per disk	
- Channel Playback	16-Channel	32-Channel
- Resolution	5MP	
- Video Output	HDMI and VGA	
- Video Compression	H.265+/H.265	
- Multi-screen Display	Yes	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	100 to 240V AC, 50/60 Hz	
<b>Back-up External Hard Drive w/ Attached Storage</b>		
- Capacity	To meet 60 days' real-time retention period	
	- Interface : SATA - Cache : ≥256MB - Transfer Rate : ≥230MB/s - Operating Temp. : ≤65°C	
- Interface	USB	
- Power Supply	100 to 240V AC, 50/60 Hz	
- Inclusive	USB cable, AC adapter, and quick install guide	
<b>Wall-mounted 9U CCTV Cabinet</b>		
- Color	Black, powder-coated Finish	
- Built-in fan	Yes	

- Inclusive	Lock and keys, fixed trays, and other mounting accessories	
<b>32" CCTV Monitor</b>		
- Display	LED backlight	
- Resolution	≥ 1080P	
- Inputs	1-VGA, 1-HDMI (minimum input)	
- Aspect Ratio	16:9	
- Power Supply	100 to 240V AC, 50/60 Hz	
- Inclusive	Standard mounting brackets and stand	
<b>Power over Ethernet (POE) Switch</b>		
- No. of Ports	≥16	32
- Interface	100Mb/s ports	
- Long Distance Transmission	≥ 250m	
- Power Supply	100 to 240V AC, 50/60 Hz	
- Inclusive	Necessary accessories	