

Performance Series

3UB16-E



- 3U16Bay Storage Type PC base NVR
 - HDD up to16ea (Max.384TB/RAID Option)
 - H.265, H.264 Compression
 - Support all resolutions including CIF ~32M
 - ONVIF/RTSP Standard Protocol
- Various display mode and full screen mode
 - Smart Failover : Automatic takeover to spare unit when system is stopped
 - User authentication with fingerprint mouse
 - Model Line-up : 36, 64, 128CH

Specification

Model		EM-36B16-E	EM-64B16-E	EM-128B16-E
Video Input	IP Camera	36CH	64CH	128CH
CPU		intel i5(12Cores, up to 4.4GHz)		
RAM		DDR5 32GB		
SSD		mSATA SSD 16GB(OS, NVR)		
Display	Monitor output	2 x HDMI(4K60Hz)		
	Split screen	(1/2/4/6/7/9/10/13/16/25/36)	(1/2/4/6/7/9/10/13/16/25/36/49/64)	(1/2/4/6/7/9/10/13/16/25/36/49/64/81/100/128)
Performance	Live/Play	FHD 36CH	FHD 64CH	
	Storage	Storage/Transmission of 128 FHD channels per HDD		
Network	Interface	RJ45 2.5GbE 2ports		
	Bandwidth	5Gbps		
	Simultaneous Access	1024(within network bandwidth)		
	Protocol	TCP/IP,UDP,DNS,DDNS,HTTP,NTP,RTP/RTCP,RTSP		
	Bandwidth Control	Auto, Manual		
Recording	Mode	Continuous, Schedule, Event linkage		
	Performance	Max CH x 4Mbps (up to Network Bandwidth of Storage System), CIF~32MP		
	Compression	H.265 / H.264 / MJPEG / MPEG4		
Search/ Play	Search Mode	Date / Time Calendar Search, Channel Bundle Search, Event Search		
	Play-Back Control	Forward/Reverse Playback (High Speed: x1~x32, Low Speed: 1/4~1/2), Before / After Staff		

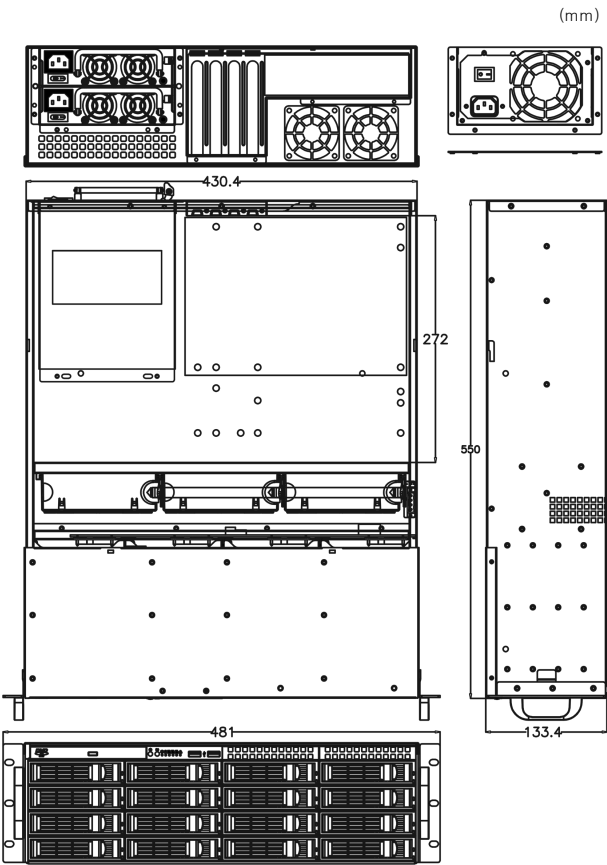
Common Specification

IP Camera	Resolution	CIF~32M
	Protocol	Supported ONVIF / RTSP and Axis / Sony / Panasonic / Hanwha / Truen / Dahua / HIKVISION etc. over 130+
Operating System		Linux 64bit(Embedded)
Storage	Default	N/A
	Available	Up to 16ea SATA type 3.5" HDDs (24TB HDD – Max 384TB, Surveillance / Enterprise Level)
	RAID(option)	Support for external RAID 0/1/5/6/50/60 for EM-JBOD24B connections (up to 2ea) (Enterprise Level HDD only, up to 1,152TB)
	Non-RAID (option)	HBA for EM-JBOD24B connections (up to 2ea) (Surveillance / Enterprise Level, Max 24TB x 24Bay x 2EA = 1,152TB)
	SAN (FC,option)	HBA for SAN Storage connections (4G/8G/16G Single/Dual)
	iSCSI (IP SAN)	Supported
Back-up	Mode	Video (Multiple Channels, Time / Event Subtitle, Encryption), Still Image (Partial Mosaic supported)
	File Format	MP4, JPG
Event	Type	Motion Detection, Sensor, Relay, Disk Failure, Camera Signal Loss / Recovery, Emergency Call, LPR, POS, Elevator, Flame / Smoke Detection, Abnormal Sound Detection, Thermal Event, Intelligent Server Integration
	Action	Recording, Alarm, Camera pop-up, Warning message, Warning sound, E-mail, FTP, Preset
Application	PC	Live, Search, Backup, Event Manager, E-Map, Multi-monitors, Pan/Tilt/Zoom Control, NVR Setting
	Web	Live, Pan / Tilt / Zoom for all channels
	Mobile	iOS / Android Apps
Security		Multi User Level, Biometric Authentication
Failover		Supported
Data/Time Synchronization		NTP timeserver, own NTP server function, self synchronization via GPS(option)
Intelligent Solution	Built-in SW	EMSTONE video analysis AI-based flame/smoke detection 1 channel(※ Additional License Options)
	External	E/L CRT system, EM-call system, LPR Camera, Flame/Smoke Detect system, Password management solution, Video export security system
	Interworking Analysis Server	EMSTONE-AI, Intellivix, NEXREAL, IVS, HanwhaVision, Truen, ITX, CHAJA, Neotech
Operating Temp / Humidity		5℃~40℃ / 0%~90%
Power Supply / Current		SMPS 500W (input from AC100 ~ 240V 50/60Hz)
Product Dimension (W x H x D) / Weight		430.4(W) X 133.4(H) X 550(D)mm /14.6kg (without HDD)
Packing Dimension(W x H x D) / Weight		570(W) X 225(H) X 765(D)mm /20.3kg (without HDD)

Dimensions

Certification

(mm)



※ USB type product should be used when KVM switches are used. (PS/2 type not available)
※ The specification of this product may change without prior notice..