

Essential Series

1UB2



- 1U2Bay Storage Type PC base NVR
- HDD up to 2ea (Max.48TB)
- H.265, H.264 Compression
- Support all resolutions including CIF ~12M
- 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 : 4, 9, 16, 25CH

Specification

Model		EM-04B2	EM-09B2	EM-16B2	EM-25B2
Video Input	IP Camera	4CH	9CH	16CH	25CH
CPU		Dual Core 1.0GHz or Higher			
RAM		DDR4 4GB	DDR4 4GB	DDR4 8GB	DDR4 16GB
Display	Monitor output	1xHDMI / 1xVGA			
	Split screen	1/2/4	1/2/4/6/7/9	1/2/4/6/7/9/10/13/16	1/2/4/6/7/9/10/13/16/25
	Performance (CH/fps)	12M(1CH/15fps) 8M(1CH/30fps) 5M(2CH/60fps) 1080P(4CH/120fps)	12M(1CH/30fps) 8M(2CH/60fps) 5M(4CH/120fps) 1080P(9CH/270fps)	12M(2CH/60fps) 8M(4CH/120fps) 5M(6CH/180fps) 1080P(16CH/480fps)	12M(3CH/90fps) 8M(4CH/120fps) 5M(6CH/240fps) 1080P(25CH/750fps)
Recording	Mode	Continuous, Schedule, Event linkage			
	Performance	Max 500Mbps / CIF ~12MP			
	Compression	H.265 / H.264 / MPEG4 / MJPEG			
Search/Replay	Search Mode	Date / Time Calendar Search, Channel Bundle Search, Event Search			
	Replay control	Play forward / reverse (fast: x1 ~ x32, slow: 1/4 ~ 1/2), Step forward / backward			

Common Specification

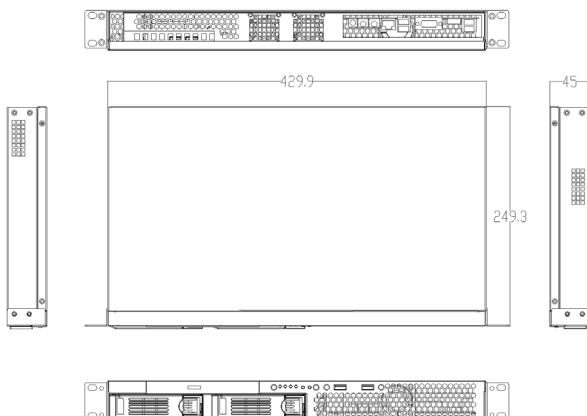
IP Camera	Resolution	CIF~12M
	Protocol	ONVIF / RTSP and proprietary protocols for more than 130 vendors including UDP / Axis / Dynacolor / Sony / Panasonic / Hanwha Techwin
Operating System		Linux 64bit(Embedded) / mSATA SSD 16GB(OS, NVR SW Disk)
Storage	Default	N/A
	Available	3.5" HDD up to 2ea (24TB HDD, Max. 48TB)
	RAID	Not Supported
	Hot Swap	Hot Plug Supported
	External Storage	Not Supported

Common Specification

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
Network	Interface	10/100/1000 Base-Tx Ethernet (RJ45) – 1ea
	Simultaneous Access	1024 (within network bandwidth)
	Protocol	TCP/IP, UDP, DNS, DDNS, HTTP, NTP, RTP/RTCP, RTSP
	Bandwidth Control	Automatic, Manual
Security		Multi User Level
Failover		Supported
Date/Time Synchronization		Windows / NTP Time Server Synchronization, Integrated NTP Server, RFTC Synchronization, Self-Synchronization via GPS(option)
Intelligent Solution	Built-in SW	EMSTONE AI-based video analysis LPR and Flame/Smoke detection each 1CH (※ Additional License Option)
	External	Elevator CRT Servers, EM-Call Servers, LPR Servers, LPR Cameras, Flame/Smoke Detect Servers
Operating Temp / Humidity		5℃~40℃ / 0%~90%
Power Supply / Current		DC12V 5A Adapter (AC100 ~ 240V 50/60Hz)
Dimension (W x H x D)		430.0(W) X 44.5(H) X 249.5(D)mm
Weight		3.66kg (HDD without HDDs)

Dimensions

(mm)



Certification

