

# HD IP DVR SJN-Series



**A lot simpler than NVR!!**  
**More effective than DVR!!**

## Key Features

- 4, 8 and 16 CH HD IP DVR (NVR with new concept)
- Live display & Real-time Recording in Full HD
- Auto IP camera discovery & configuration
- Cost effective & Easy installation
- Embedded PoE switch
- External storage with E-SATA

## Description

“HD IP DVR” adopts a new concept between NVR and conventional DVR.

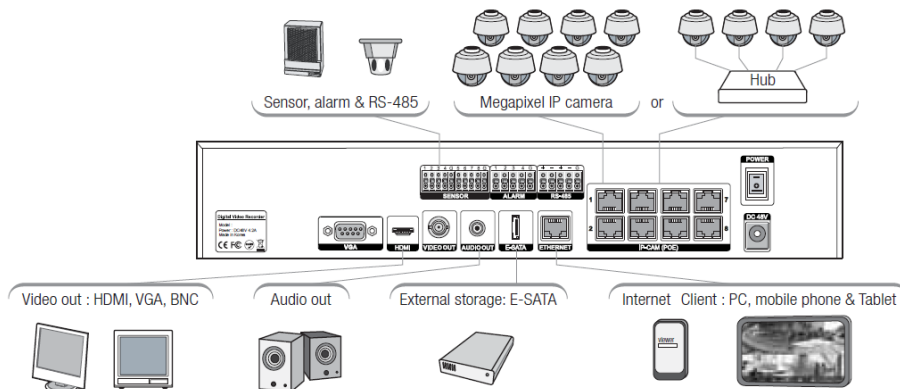
It operates same way with DVR connecting megapixel IP cameras. Up to 8pcs of megapixel cameras (1.3M or 2.0M) can be directly connected to the box just like analog cameras are connected to DVR.

It then detects IP cameras and conducts all the required network configuration automatically with no need of network knowledge.

Unlike most NVRs, it doesn't need extra PC, additional software to control menu or video storage. It comes as total solution with controlling software, HDMI/VGA video output and internal recording space of up to 4 HDD.

Powerful network extensibility is provided by supporting various web connection with IE, Safari, Firefox & etc. and smart phone application with iPhone & Android

## System configuration



# Specifications

MODEL		SJN-400	SJN-800	SJN-1600
Compression Algorithm		Video : H.264, Audio : G711 or ADPCM (Depends on IP Camera)		
Operating System		Embedded Linux		
Multi-Operation		Pentaplex (Live, Recording, Playback, Backup, Network)		
Video	POE	4CH (100Mbps, 802.3af)	8CH (100Mbps, 802.3af)	8CH (100Mbps, 802.3af)
	Max IP camera	8 x IP camera (Max. HD1080p)	8 x IP camera (Max. HD1080p)	16 x IP camera (Max. HD1080p)
Video Out	HDMI	1		
	VGA / Composite	1 / 1 (Test Mode)		
Audio	Input	8 (from IP camera)	8 (from IP camera)	16 (from IP camera)
	Output	1 (HDMI, RCA)		
Interface	Network	4 x 10/100(POE) + 1 (WAN)	4 x 10/100(POE) + 1 (WAN)	8 x 10/100(POE) + 1 (WAN)
	USB 2.0, RS-485	2 x USB, 1 x RS-485		
	E-SATA	1		
	Sensor Input	8		
	Alarm Output	4 ( 2xRelay, 2xTTL)		
Live	Resolution	1920 x 1080, 1280 x 720		
	Display Mode	1,4,9 and PIP, POP	1,4,9 and PIP, POP	1,4,9,16 and PIP, POP
Recording	Mode	Manual / Continuous / Schedule / Motion / Sensor & Pre/Post, Panic		
Playback & Backup	Speed	Fast Forward/Backward, Step Forward/Backward		
	Search	Search by Time, Calendar, Thumbnail, Preview Events and First/Last Search		
	Backup Device	USB Memory Stick/HDD, DVD-RW & Backup by Network		
	Backup File Format	AVI (With or Without Timestamp), PS (Playback in Player)		
Events & Alarm		Email&FTP Notification / Alarm-out / Buzzer for Events & Video Loss		
		Warning Message & Buzzer for HDD Over-Temperature		
		Alarm & Email Notification-Schedule for Events-Triggering		
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission)		
		Video Resolution & Frame rates adjustable		
		Bandwidth adjustable (64/128/256/512Kbps, 1/2/4/10Mbps, Unlimited)		
	C.M.S	6 Monitors, Live , Event Manager, E-Map, Playback, Backup , PTZ, DVR Setup		
	Web	Live Monitoring, Playback, Snapshot and PTZ Control		
Smart Phone	iPhone, Android			
Operation	Front Key Buttons, USB Mouse, IR Remote Control			
Power	DC48V, 4.2A			
Storage Temperature and Humidity		-20~60 °C / 20~95% RH		
Operating Temperature and Humidity		5~40 °C / 20~80% RH		
Dimension (WxDxH)		380 x 67 x 342, Packing: 450 x 425 x 170 (mm)		

# Specification & Design are subject to change without prior notice