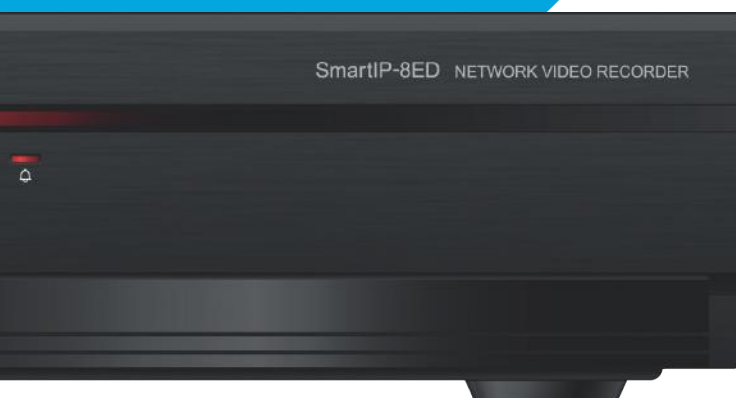


# 8 Channel full HD network video recorder

SmartIP-8ED (S84696)



## Applications:

**There is a range of Smart IP NVRs ideal for all applications requiring 4, 8, 16 or 32 cameras to be recorded. Below are some examples:**

- 1. Retail.** Small retail stores including milk bars, specialty shops, small restaurants, and others.
- 2. Healthcare.** Small clinics offering dental, general medical services, x-rays, and more.
- 3. Government.** Local government branches, post office branches, and more.
- 4. Banking and Finance.** Customer service areas such as small branch offices and self-service areas such as ATM locations.
- 5. Education.** Small TAFE branches, childcare centres, and more.

## Features:

- 8 Channel real-time recording @ 1080p
- 8 Channel real-time live display
- User-friendly Graphical User Interface (GUI)
- Built-in 8 Channel PoE Switch
- 2 x Internal SATA Hard drives
- Audio Recording and Audio Playback
- Alarm Connections Include: Input and Output
- Supports third party cameras (Axis, Panasonic, ONVIF™ profile "S")
- IR Remote Control
- Self-diagnostics with automatic notification including hard disk drive S.M.A.R.T. protocol

The Pacom SmartIP-8ED is an 8 Channel network video recorder capable of recording a range of IP cameras including EVOnet (gen3), Panasonic, Axis and ONVIF profile "S" third party cameras. The in-built 8 channel PoE gigabit switch provides data and power connections over Ethernet cable from NVR to camera, making 'plug & play' installation and configuration easy.

The SmartIP-8ED NVR comes equipped with a 2TB Hard Drive and has the capacity for 1 more HDD within the unit. The SmartIP-8ED provides real-time recording @ 2 Megapixel (1080p) per channel and can be configured to record in a number of different recording modes such as Time-lapse, Event, Pre-event and Panic recording (camera model specific). Viewing images is straight forward via the HDMI/VGA monitor outputs, which provide Full HD resolution (1080p). This gives operators the ability to zoom in and view greater image details either in live view or playback when compared to the traditional analogue type system. Control of the SmartIP-8ED is via the supplied mouse or IR remote control.

Using the advanced menu options, third party cameras can also be setup and configured. To provide easier setup and operation, the SmartIP-8ED NVR is equipped with the DirectIP™ protocol. DirectIP™ is a protocol designed to provide customers with a HD surveillance solution which is easy to use, simple to install and quick to configure. The DirectIP™ protocol has been applied to the EVOnet (gen3) IP cameras, the SmartIP NVRs and accessories such as the SmartIP-SW PoE switches which are all designed to be optimised within a network.

The SmartIP-8ED NVR can be connected to the Pacom PNVR range of recorders providing expansion and connectivity to existing systems allowing the PNVR's SiRiS Graphical User Interface to control and setup the SmartIP system. Alternatively remote access to the SmartIP NVR's is provided via the RASplusIP monitoring software which is included with each SmartIP NVR. Mobile access is also available via smartphones and tablets.

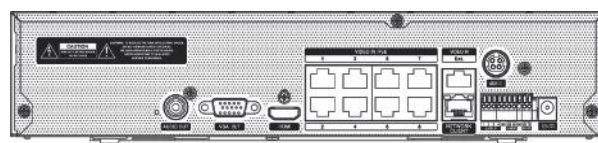
# 8 Channel full HD network video recorder

SmartIP-8ED (S84696)

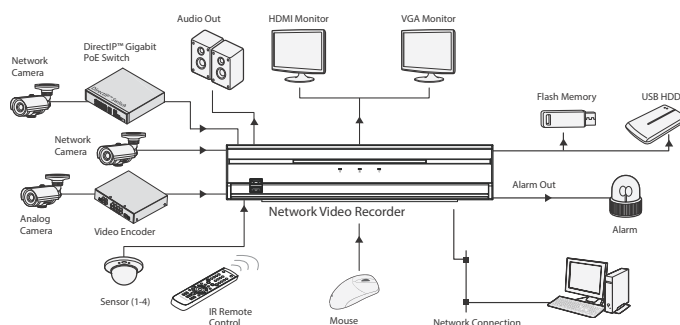
## Specifications

VIDEO	
Video Inputs	8 IP cameras
Supports Camera	EVOnet, DirectIP™, Axis, Panasonic, ONVIF™
Video Outputs	1 HDMI, 1 VGA OUT
Display Resolutions	1920 x 1080, 1680 x 1050
Display Speed	8 Channel real-time live
Digital Zoom	x2, x3, x4
RECORDING	
Video Compression	H.264
Max. Throughput	64Mbps
Recording Resolutions	1920 x 1080, 1280 x 720, 704 x 480, 352 x 240 (Depending on IP Camera)
Recording Rate	4CIF, 1MP (720p), 2MP (1080p) : 240 ips
Recording Modes	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm in, Audio detection, Motion detection, Trip-zone, Tampering, Video loss
PLAYBACK	
Performance	4 Channel Full HD synchronous playback
Search Modes	Time-lapse, Event log, Motion, Text-in
Digital Zoom	x2
STORAGE	
Internal	SATA HDD x 2 (supplied with 1 x 2TB HDD)
NETWORK	
Connection	Gigabit Ethernet (Remote) x 1 + Gigabit Ethernet (IP Camera) x 9
Camera Power	PoE (IEEE802.3af) x 8
Remote Data Export	Clip Copy, AVI, JPG
Event Notification	Email (Attach MP4), Callback to Remote S/W, Push Notification (IOS, Android), SNS (Twitter)
Two-way Audio	RASplusIP – EVOnet GEN3, RASplusIP – SmartIP series, SmartIP series – EVOnet GEN3
Client Viewer	Mobile Apps, webguard, RASplusIP
INTERFACE	
Audio In / Out	Local (NVR) : 1RCA / 1RCA + 1HDMI, (IP Camera : 8 (Depending on IP Camera)
Alarm In	Local (NVR) : 4 TTL, (IP Camera : 8 (Depending on IP Camera)
Alarm Out	Local (NVR) : 1 Relay Out / IP Camera : 8 (Depending on IP Camera Spec.)
Serial Interface	RS232 (Terminal block)
USB	USB 2.0 x 2
User Interface	Mouse, IR remote control, Remote Keyboard
GENERAL	
Operating System	Embedded Linux
UNIT Dimensions (W x H x D)	300mm (W) x 62mm (H) x 231 mm (D)
Unit Weight	2.3kg
Working Temperature	5°C ~ 40°C
Operating Humidity	0% ~ 90%
Input Power	12V 2.0A (adaptor: 240V 50Hz) 48V, 1.0A (For PoE)
Power Consumption	24W (NVR) max 48W (PSE)
Approvals	FCC, UL, CE, CB, KC

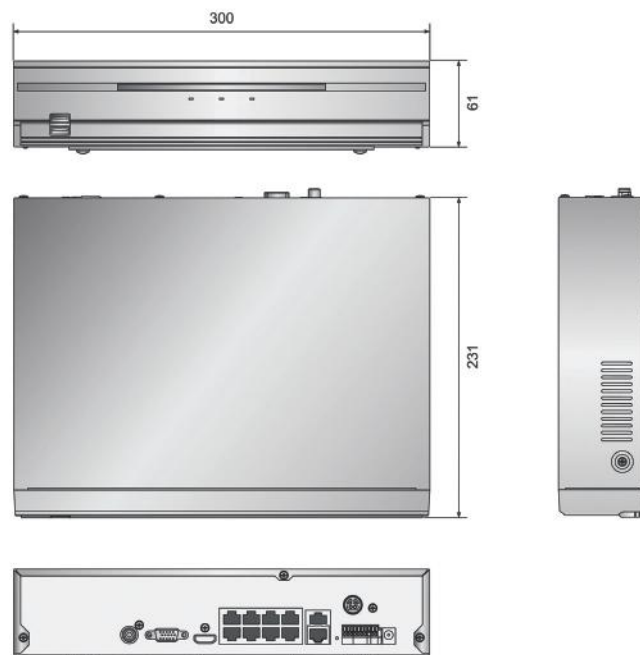
## Back panel



## Connection diagram



## Dimensions



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