

# ENVR 8100Series

## Plug & Play Embedded HD NVR

4ch / 8ch / 16ch Embedded HD NVR

Up to 8ch HD IP Cameras Real-time Recording & Monitoring

Auto IP Camera Detection

Local Monitoring (HDMI / VGA / Composite)

Gigabit LAN / uPnP / e-SATA

Smart Phone : Monitoring / VOD / Push Pop-up Notification

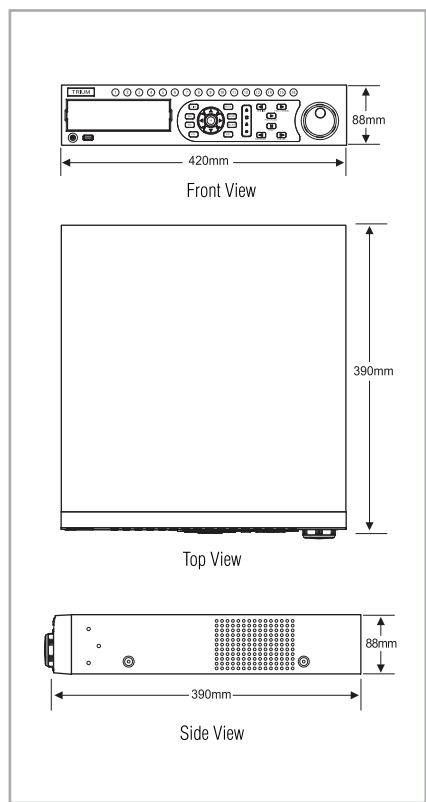
Onvif (Ver.1&2) Compatibility

PoE Support



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## Demension



## Specification

		8104(4ch)	8108(8ch)	8116(16ch)
Internal Storage		4 x SATA HDD or 2 x SATA HDD & 1 x DVD		
Operation System		Embedded Linux		
IP Camera	Channel	4 Ch	8 Ch	16 Ch
	Protocol	ONViF		
	PoE	N/A		
Display	Speed	120 fps	240 fps	240 fps
	Screen	1, 4	1, 4, 9	1, 4, 9, 16
Video Input	Mode	IP Camera Input (Up to 2.1Mega Pixel, 1080P)		
	SPOT-OUT	N/A		
Video Output	Monitor	HDMI(1), VGA(1), Composite(1)		
	Resolution	Full HD(1920x1080), SXGA(1280x1024), 1024x768, 800x600		
Recording Speed	CIF	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	D1	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	720p	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	1080p	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	Bit-Rate			
	Mode	Manual, Continuous, Alarm, Motion, Scheduled		
Audio(Input/Output)		4(From IP CAM) / 1	8(From IP CAM) / 1	16(From IP CAM) / 1
Digital I/O		4 / 1		
PTZ		RS-485, ONViF Compatibility (Pan/Tilt/Zoom/Preset)		
Network	Protocol	IPV4, ARP, TCP, UDP, ICMP, DHCP, DNS, DDNS, SMTP, HTTP,		
		UPnP, RTP, RTCP, RTSP, ONVIF		
	Transmission	Unicast Transmission		
LAN		1 x Gigabit Ethernet (RJ45) - Static IP, DHCP, DDNS		
Remote Management	Software	CMS, RMS, MMS(Mobile Viewer)		
	Web- Browser	Internet Explorer		
	OS	MS-Windows		
	Operating	Real-time monitoring, Playback & System configuration		
Backup	Internal	CD/DVD		
	External	Local Backup by USB ODD and Network Backup by CMS		
External Storage		e-SATA(Local Storage Extension)		
Status Display		3xLEDs (Power, Network, Recording)		
System Recovery after Power Failure		Auto-Reboot and Journaling File System		
System Operation		Front Button, IR Remote Controller, USB Mouse		
Power		12V x 7A D/C		
Operating Temperature & Humidity		5~40 ℃ / 20~80% RH		
Dimension (WxDxH)		420 x 390 x 88 (mm) - 1.5U		
Certification		CE & FCC & MIC & WEEE, RoHS		

\*Specification & Design are subject to change without prior notice

**INCON**

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