BREEZE
EFFORTLESS TECHNOLOGY

4K

H.265

BREEZE-4s-816

BREEZE-4s-816 is a 4K H.265 16 channel plug & play Network Video Recorder (NVR) that incorporates a 16 port PoE switch. It has a powerful embedded dual-core processor providing up to 12 megapixel (including 4K) resolution per channel and a global recording capacity of 192Mbps.

Breeze technology removes the complex IP setup by automatically configuring the IP cameras in less than 2 minutes upon boot up. This is achieved by integrating a PoE switch into the NVR which also powers the IP cameras over the same cable.

The BREEZE-4s-816 is housed in a 2U rack mountable case with 8 internal SATA ports. It comes with 2 x HDMI and 1 x VGA video outputs and supports backup methods via USB 3.0, eSata, internal burner and network.

This recorder is provided license free, Onvif compatible and supports various 3rd party IP camera vendors.

PERFORMANCE

Resolution	IP	12 MegaPixel / 4K
	HDCVI	Not applicable
	Analogue	Not applicable
IP Recording		192Mbps
Bit Rate Support		1-20Mbps Per Channel
Processor		Dual Core Embedded
Video Compression		H.265, H.264, MJPEG

SOFTWARE

OS	Embedded Linux (ICR OS)
Smart Features	Yes
Fisheye Dewarp Support	Yes - Live View Only
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Simultaneous Playback	4 channel (4MP, 20fps)
Max User Access	128
Network Functions	Alarm Server, DDNS, DHCP, DNS, Email, FTP, HTTP, IP Filter, IPv4, IPv6, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP
IPC Support	Onvif, Axis, Bosch, Hikvision, Panasonic, Pelco, Samsung, Sony and many more...
Smart Phone / Tablet	ICRSS Pro & ICView
PC / Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
ICDDNS	Yes
P2P	Yes
Extra Stream	Yes
Onvif	Yes
ARC Integration	Yes

CONNECTIVITY

Total Video Channels	16
IP Channels	16
HDCVI Channels	0
Analogue Channels	0
Audio (IP)	Yes
Audio Output (RCA)	1
2 Way Audio Supported	Yes
Alarm Inputs	16
Alarm Outputs	6
HDMI - 4K (3840x2160)	2
VGA	1
BNC (Master)	0
PoE IPC Ports	16 -IEEE802.3af/at
10/100M RJ45 Port	0
10/100/1000M RJ45 Port	1
RS-485	1
RS-232	1
USB 2.0 Port(s)	2 (Front)
USB 3.0 Port(s)	2 (Rear)+

STORAGE

SATA Ports	8 HDD or 6 HDD + 1 Burner
RAID	n/a
eSATA Port	1
Backup Methods	USB, eSata, Internal Burner and Network

ENVIRONMENTAL

Case Size	2U Rack Mountable
Dimensions (mm)	445 (W) x 440 (D) x 95 (H)
Power Supply	100-250v AC, 50/60Hz
Power Consumption	NVR: 27.9W (without HDD) PoE: Max 25.5W from each port
Working Environment	-10°C-+55°C/10%-90%RH/ 86-106kpa
Weight	6.75KG (without HDD)
Certification	CE, FCC

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