BREEZE
EFFORTLESS TECHNOLOGY

4K

H.265

BREEZE-6s-216

The BREEZE-6s-216 is a 4K H.265 16 channel plug & play Network Video Recorder (NVR) that incorporates an 16 port PoE switch. It has a powerful embedded quad-core processor providing up to 8 megapixel / 4K resolution per channel and a global recording capacity of 200Mbps.

The BREEZE-6s-216 has H.265 Compression (High Efficiency Video Coding) as standard, H.265 was developed to improve HDD storage requirements and reduce bandwidth consumption for new higher resolutions such as 4K. For example, at an identical level of visual quality the H.265 codec enables video to be compressed to a file about half the size (or half the bit rate) of H.264.

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-6s-216 is housed in a 1U desktop case with 2 internal SATA ports. It comes with 4K (3840x2160) HDMI & VGA video outputs and supports backup methods via USB & network.

PERFORMANCE

IPC Resolution (Max)	8MP / 4K
IPC Recording Bandwidth	200Mbps
Bit Rate Support	1-20Mbps Per Channel
Processor	Quad Core Embedded
Video Compression	H.265, H.264

SOFTWARE

OS	Embedded Linux (ICR OS)
Smart Features	Yes
Fisheye Dewarp Support	-
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Simultaneous Playback	8 channel (1080P, 30fps)
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	IC Realtime, ONVIF, Axis, Bosch, Dahua, Hikvision, Panasonic, Pelco, Samsung, Sony, UNV 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
ANR	Yes
ARC Integration	Yes

CONNECTIVITY

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

STORAGE

SATA Ports	2 (Max 6TB per Disk)
RAID	-
eSATA Port	-
Backup Methods	USB & Network

ENVIRONMENTAL

Case Size	1U Desktop
Dimensions (mm)	375(W) x 327 (D) x 53 (H)
Power Supply	100-240v AC, 50/60Hz
Power Consumption	NVR: <13.2W (without HDD) PoE: Max 130W
Working Environment	-10°C-+55°C / 0-90%RH / 86-106kpa
Weight	2.7KG (without HDD)
Certification	CE, FCC, UL

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