IC REALTIME

BREEZE
EFFORTLESS TECHNOLOGY

BREEZE-7s-424

The BREEZE-7s-424 is a 12MP H.265 24 channel plug & play Network Video Recorder (NVR) that incorporates an 24 port PoE switch with a global 210 Watts of power for powering IPCs. It has a powerful embedded quad-core processor providing up to 12 megapixel resolution per channel and a global recording capacity of 320Mbps.

The BREEZE-7s-424 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.

IC Realtime BREEZE range of recorders incorporate PoE Switches for camera integration into the recorder. This helps speed up installation time as well as keeping the IP Cameras on a separate network to that of the main LAN network card making the IP Cameras secure from your main network.

The BREEZE-7s-424 is housed in a 1.5U rack mount case with 4 internal SATA ports, storage can be extended with the use of our eSATA extenal storage device (eSATA-1s-8). It comes with 4K (3840x2160) HDMI & VGA video outputs and supports backup methods via USB, eSATA & network. This recorder is provided license free, Onvif compatible and supports various 3rd party IP camera vendors.

● PERFORMANCE

IPC Resolution (Max)	12MP
IPC Recording Bandwidth	320Mbps
Bit Rate Support	1~20Mbps Per Channel
Processor	Quad Core Embedded
Video Compression	H.265E, H.265, H.264E, H.264, MJPEG

● SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Functions	Smart Search Support IVS Rules from IPCs ANPR
Fisheye Dewarp Support	Yes
Simultaneous Playback	Up to 16 with decode limitations
Max User Access	128
Network Functions	DDNS, DHCP, DNS, Email, FTP, HTTP, HTTPS, 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, Easyviewer
PC/ Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
DDNS	DynDNS, No-IP
Extra Stream	Yes
P2P	Yes via Easyviewer
ANR	Yes
ARC Integration	Yes

● CONNECTIVITY

Total Video Channels	24
IP Channels	24 (24 x PoE)
HDCVI Channels	–
Audio Input (RCA)	1
Audio Output (RCA)	1
Audio (IP)	Yes
Two way Audio Supported	Yes
Alarm Inputs	16
Alarm Outputs	6
HDMI - 4K (3840 x 2160)	1
VGA	1
BNC	–
PoE UPnP IPC Ports	24 - IEEE802.3af/at (Max 25.5W per port and/or 210W in total
10/100M RJ45 Port	-
10/100/1000M RJ45 Port	1
RS-485	-
RS-232	1 (for keybaord and PC)
USB 2.0 Port(s)	1 (Front)
USB 3.0 Port(s)	2 (Back)

● STORAGE

SATA Ports	4
RAID	–
eSATA Port	1 (for storage expansion and backup)
Backup Methods	eSATA, USB & Network

● ENVIRONMENTAL

Case Size	1.5U Rack Mount
Dimensions (mm)	440 (W) x 414 (D) x 76 (H)
Power Supply	100~230V AC / 50~60Hz
Power Consumption	NVR: <18W (without HDD) PoE: Max 210W (total)
Working Environment	-10°C~+55°C / 0%~90%RH / 86~106kpa
Weight	4.7KG (Net without HDD) 6.9KG Gross
Certification	CE, FCC, UL

IC REALTIME