



## BREEZE-5s2-104

The BREEZE-5s2-104 is a 4K H.265 4 channel plug & play Network Video Recorder (NVR) that incorporates an 4 port PoE switch. It has a powerful embedded dual-core processor providing up to 8 megapixel / 4K resolution per channel and a global recording capacity of 80Mbps.

The BREEZE-5s2-104 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-5s2-104 is housed in a 1U desktop case with 1 internal SATA port. It comes with 4K (3840x2160) HDMI & VGA video outputs and supports backup methods via USB & network. This recorder is provided license free, Onvif compatible and supports various 3rd party IP camera vendors.



### ● PERFORMANCE

IPC Resolution (Max)	8MP/4K
IPC Recording Bandwidth	80Mbps
Bit Rate Support	1~20Mbps Per Channel
Processor	Dual Core Embedded
Video Compression	H.265, H.264

### ● SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Fisheye Dewarp Support	-
Simultaneous Playback	4 channel
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
PC/ Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
DDNS	Yes
Extra Stream	Yes
P2P	Yes
ANR	Yes
ARC Integration	-

### ● CONNECTIVITY

Total Video Channels	4
IP Channels	4 (4 x PoE)
HDCVI Channels	-
Audio Input (RCA)	1
Audio Output (RCA)	1
Audio (IP)	Yes
Two way Audio Supported	Yes
Alarm Inputs	-
Alarm Outputs	-
HDMI - 4K (3840 x 2160)	1
VGA	1
BNC	-
PoE UPnP IPC Ports	4 - IEEE802.3af/at (50W Total Output)
10/100M RJ45 Port	1
10/100/1000M RJ45 Port	-
RS-485	-
RS-232	-
USB 2.0 Port(s)	2
USB 3.0 Port(s)	-

### ● STORAGE

SATA Ports	1
RAID	-
eSATA Port	-
Backup Methods	USB & Network

### ● ENVIRONMENTAL

Case Size	1U Desktop
Dimensions (mm)	260 (W) x 225 (D) x 48 (H)
Power Supply	48vDC / 1.25A
Power Consumption	NVR: <5.3W (without HDD) PoE: Max 50W (total)
Working Environment	-10°C~+55°C / 0%~90%RH / 86~106kpa
Weight	0.8KG (Net without HDD) 1.6KG Gross
Certification	CE, FCC, UL