GLOBUS INFOCOM LIMITED

SAFE IS THE NEW SMART

4K UHD

8Ch 4K Network Video Recorder

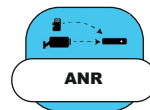### Model: G-SR-108S1 (Pro Series)

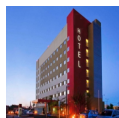| 8 CHANNEL | 4K | LINUX | H.265+ | ANR | ALARM I/O |

Application Areas

Classrooms and Library

Hospitals

Police Stations

Government Office

Hotels

Industrial Plant

Network Video Recorder

High performing Network Cameras when coupled with a top-quality Network Video Recorder creates an efficient, stable and reliable surveillance solution. Therefore, Globus Infocom provides a flexible portfolio of Network Video Recorders that exude myriad of features to back your network camera for scalable and wide-ranging applications. Globus Network Video Recorders have powerful capabilities supporting up to 12 MP resolution for recording, optimizing bandwidth and storage with the latest H.265+ compression technology. For data safety, Globus NVRs provide RAID, N+1 hot spare and ANR Features to ensure stable and reliable video recording even under unforeseen circumstances like power outage. Our Network Video Recorders support smooth recording at 30/60/90/120 fps to provide crystal clear video output in mission-critical environment that require high quality surveillance output.Our NVRs can be access over the internet from anywhere to monitor the footage and watch the live recording. In case of specific incidents like object removal, periphery intrusion, loitering, etc. it sets out a notification/alert to strengthen a premises' security and surveillance infrastructure and improves your surveillance infrastructure.

8 CHANNEL

Globus 8 Channel Network Video Recorders offer extensive connections for a small to medium sized business. Our series of versatile NVRs make for an ideal choice for your network camera to strengthen your security infrastructure. With industry's leading 4K resolution, Globus brings a whole new level of clarity and detail to your security monitoring. Fortify your security system with our revolutionary 4K capable 16-channel NVRs.

4K

Globus Network Video Recorders support 4K resolution for Live View, Preview & Playback on all channels, to bring the utmost clarity and quality to your recorded video. 4K resolution results in realistic colour reproduction, superior digital zoom capabilities and sharper videos giving you greater opportunity to analyze your feeds with precision.
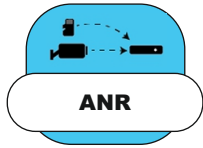
Linux

Globus series of Linux-based Network Video Recorders ensures greater data security since the OS is risk-free from virus and cyberattacks. Therefore, it provides a reliable data storage mechanism along with more stable performance. Linux-embedded system also offers greater ease of installation and increased storage capacity. Courtesy Linux OS, it does not require any Windows updates or patches and works on minimal configuration out of the box.

H.265+

The optimized version of H.265 compression technology, it uses a scene-adaptive encoding technology, dynamic ROI, intelligent noise reduction, flexible multi-frame reference, etc. to deliver high quality images while utilizing lower bandwidth and storage space. It reduces the bit rate and storage requirements of the recorded videos by up to 70% as compared to its predecessor.

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ANR

Globus Security Solutions ensure high-output performance even under challenging conditions like network loss. In case the connection is lost between a network camera and a Network Video Recorder, our cameras would start continuous recording in SD card instead. After the connection is restored, the NVR retrieves the missing recordings from SD card to prevent data loss.

Alarm In/Alarm Out

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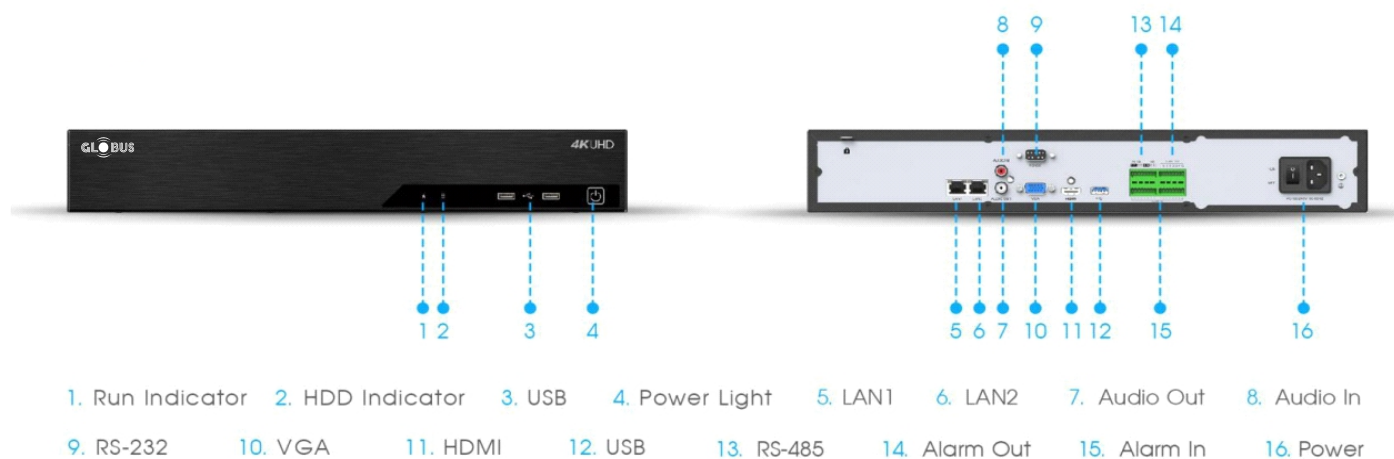
8Ch 4K Network Video Recorder

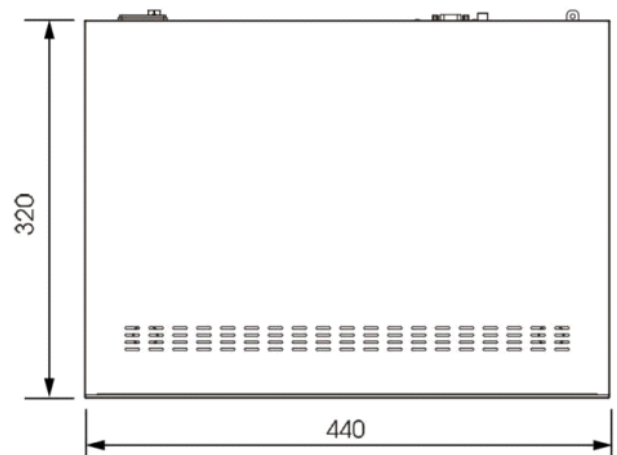| System	
Main Processor	Dual-Core Processor
Operating System	Embedded LINUX
Display	
HDMI Output	HDMI:1, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz.
VGA Output	VGA:1, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz.
Screen Split	1/4/8/9/12/14/16
Audio Video Input	
IP Video Input	8 Channel
Audio Input	1xRCA
Audio Output	1xRCA
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	50Mbps
Total Throughput	130Mbps
Encode	
Recording Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, D1, VGA, CIF, QCIF
Recording Stream	Dual Stream Supported
Video Compression	H.265+, H.265, H.264+, H.264, MJPEG
Audio Compression	G.711, AAC, G.722, G.726
Sample Rate	8KHz/16KHz
Decode	
Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)
Search Mode	Time /Date, Alarm, MD and Exact Search.
Playback Function	General Playback- Play, Pause, Stop, Rewind, Fast play, Slow Play, Event Playback, Tag Playback, Split Playback, Picture Playback, Playback Zoom
Backup	Video backup, Image Backup

Alarm Event	
Alarm Input	4 Terminal Input
Alarm Output	1 Terminal Output
Trigger Events	Recording, PTZ Setup, Sequence Interval, Alarm Out, Email, FTP, Snapshot, Buzzer and Screen Tips, Alarm Buffer.
Abnormal Warning	Network Disconnect, Disk Full, Record Failed, Disk Error, No Disk.
Video Content Analytics	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting
Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)
Auxiliary Interface	
USB Interface	1xUSB 3.0, 2xUSB 2.0
Storage	
SATA	2 SATA Interface for 2 HDDs
e-SATA	N/A
Maximum Capacity	Up to 10TB capacity for each HDD
Disk Array	N/A
Advance Features	
Automatic Network Replenishment	Supported
N+1 Hot Spare	N/A
Onvif	Supported
Network	
Network Interface	1xRJ45 10/100/1000Mbps, 8XRJ45 10/100Mbps (≤130W)PoE x RJ45 10/100/1000Mbps
IP Support	Static, Dynamic
Network Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS, P2P.
AES Encryption	AES256 Supported
Multi Level User ID/ Password	Supported

Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Globus CMS-Pro
Mobile Application	GloView Pro
User/Host	100
Environmental	
Power Supply	AC 100V~240V 50Hz~60Hz
Power Consumption	≤8.5W(Without HDD, without enabling PoE)
Operating Temperature	-10°C~55°C, Less than 90% RH
Rack Mountable Chassis	1.0U Standard
Dimensions	380mm(W)X317.6mm
Weight	2.6Kg

Interfaces

1. Run Indicator   2. HDD Indicator   3. USB   4. Power Light   5. LAN1   6. LAN2   7. Audio Out   8. Audio In
9. RS-232   10. VGA   11. HDMI   12. USB   13. RS-485   14. Alarm Out   15. Alarm In   16. Power

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Installation of HDDs

Step1   Step2   Step3   Step4   Step5

66.8

320

440

About Globus Infocom

Globus Infocom is a pioneer of technological solutions in the field of Education Technology, Collaborative Conferencing & Professional Displays, Security & Surveillance and Healthcare & Wellness.

The company houses one of the most elaborate range of security solutions including Network Dome Camera, Network Bullet Camera, PTZ Cameras, Fish Eye Cameras, NVRs, DVRs, Mobile Surveillance, Body Worn Cameras, Switches, PoE and related accessories.

With its in-house Research & Development team and the zeal for constant innovation, Globus has developed an insight to understand what 21st century Security & Surveillance market demands. Owing to its nationwide sales and service support, Globus Infocom, a proud Make in India brand, has amassed more than 25,000 customers with 50% of repeat order ratio.

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