



# SAFE IS THE NEW SMART

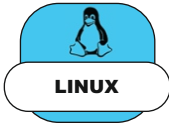


## 4Ch 4K Network Video Recorder

Model: G-SR-104S1 (Impact Series)



4K



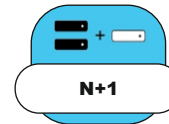
LINUX



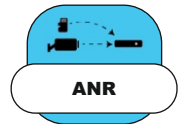
VCA



RAID



N+1



ANR

## Application Areas



Classrooms and Library



Hospitals



Police Stations



Government Office



Hotels



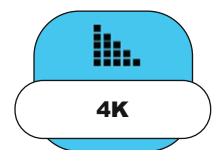
Industrial Plant

## 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 30fps 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. It sets out a notification/alert to strengthen a premises' security and surveillance infrastructure and improves your surveillance infrastructure.

### 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.

## AI powered Video Content Analytics

The inbuilt AI-powered Video Analytics packs cutting-edge concepts and delivers more efficient, streamlined and hassle-free video assessment. It deploys artificial intelligence to cameras by analysing video content in real-time and fetches suitable inferences. It reliably detects, tracks and analyses object in its field of view and alerts users with preset alarms on incidents. A smart system of alarm rules out false alarms to minimum and makes surveillance from Globus Network Cameras more automated requiring minimal human intervention. Clubbed with features like Advanced motion detection, Camera tampering detection, People counting, Region entrance detection, Region departure detection, Line crossing detection, Loitering detection, Human presence detection, Left Object detection, Object removal detection, etc, Globus AI-Powered Video Analytics makes for a holistic and all-inclusive surveillance solution for every organization's security Requirements.



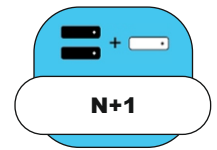
### RAID



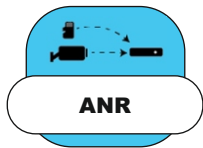
The constant flow of data being written to storage devices poses a risk of drive failure. In the absence of RAID storage, users can risk losing their surveillance footage in case the storage device's hard drive fails. By utilizing RAID storage, one can ensure that all the video footage is preserved even in case of catastrophic single or double drive failure.

### **N+1**

This feature in Globus Network Video Recorders prevents loss of important data in case an NVR stops working. Users get the option to set one NVR as a slave unit which will be automatically activated when the master NVR is not recording due to internet or power outage. The Master NVR restores recording normally when the power or internet is back again. The slave NVR transmits the recorded data back to Master NVR.



### **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.

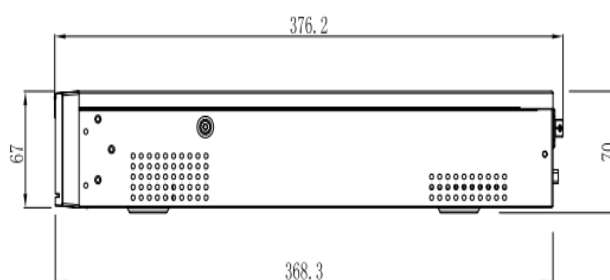
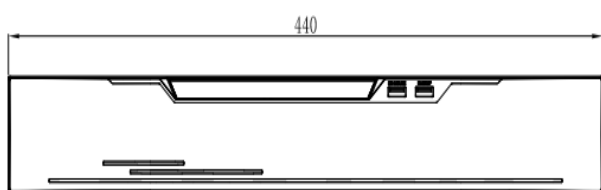
## 4Ch 4K Network Video Recorder

System	
Main Processor	Quad-Core Processor
Operating System	Embedded LINUX
Display	
HDMI Output	HDMI 1: 1920×1080,1440×900, 1280×1024 HDMI 2: 3840×2160,1920×1080, 1440×900, 1280×1024
VGA Output	VGA: Resolution: 1920×1080, 1440×900, 1280×1024
Screen Split	1st Screen: 1/4 2nd Screen: 1/4
Audio Video Input	
IP Video Input	4 Channel
IP Video Output	4 Channel
Audio Input	1
Audio Output	1
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps
Total Throughput	640Mbps
Maximum Number of cameras to be viewed on a single display	4
Total number of simultaneous local views	4
Two-way Audio	Support
Encode	
Recording Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1
Recording Stream	Dual Stream Supported
Video Compression	H.265+, H.265, H.264
Recording Speed for all channels (fps)	25fps
Audio Compression	G.726,G.711, RAW_PCM
Decode	
Synchronous Playback	1*12MP, 4*8MP
Search Mode	Time /Date, Alarm, Picture grid, Event, Motion

Playback Function	General Playback- Play, Pause, Stop, Rewind, Fast play, Slow Play
Backup	Video backup, Image Backup
<b>Alarm Event</b>	
Alarm Input	16 Terminal Input
Alarm Output	4 Terminal Output
Pre / Post Alarm Buffer	Support
Pre-Alarm Recording	30
Post-Alarm Recording	30
Abnormal Warning	Network Disconnect, Disk Full, Record Failed, Disk Error, No Disk.
Trigger Events & VCA	Motion Detection, Video Loss, Alarm in, Tampering, Intrusion Detection
Recording Type	Manual, Schedule (Regular, Continuous), Event
<b>Auxiliary Interface</b>	
Serial Interface	1xRS-485
	1xRS-232
USB Interface	3 ports (USB 2.0 × 2, USB3.0 × 1)
<b>Storage</b>	
SATA	4 SATA Port
e-SATA	1 eSATA Supported
Internal Hard Drive Interface	SATA III
Maximum Capacity	Up to 12TB capacity for each HDD
Disk Array	RAID 5, RAID 6, RAID 10
<b>Advance Features</b>	
Automatic Network Replenishment	Supported
Onvif	Supported
<b>Network</b>	
Network Interface	2xRJ45 10/100/1000Mbps
IP Support	Static, Dynamic
Network Protocol	UDP,SNMP,DHCP,RTP,HTTP,HTTPS,DNS,DDNS,RTSP,NTP,UPnP,SMTP,FTP,QoS ,TCP/IP
Multi Level User ID/ Password	Supported

Web Viewer	IE, Chrome, Firefox, Safari
Management Software	GVMS
Mobile Application	GloView
User/Host	8
Features	Remote Configuration, Web Based Tool, System Update (Remote System Update Over Network Using Web Client), PC Client, Recording Feature Support, Web Client (Viewer through HTTP system configuration support)
	Recording schedule, Spot (POP up Window) on Event, Date, Time, Event, Log, Motion, Bookmarks, Forward, Backward, adjustable playback speed, Full Screen, Next, Camera, Previous Camera, Repeat, Multi Monitor Support, Group add, Delete, Group management, Remote Data Export, Add, Edit, Delete, Use Master account, Use Specific account support
<b>Environmental</b>	
Power Supply	AC 100V~240V 50Hz~60Hz
Redundant power supply	NA
Power Consumption	≤15W(Without HDD)
Operating Temperature	-10°C~55°C, Less than 90% RH
Rack Mountable Chassis	4U Standard
Housing Construction	Aluminium
Dimensions	440 × 368.3 × 70 mm
Weight	4.5Kg

## Interfaces



## 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.