SAFE IS THE NEW SMART

8+4 Ch Full HD Video Recorder

Model: GNRA-I110H1 (Impact Series)

8+4 CHANNEL	FUll HD	LINUX	H.265+	VCA	ANR
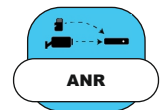
Application Areas

Classrooms and Library

Hospitals

Police Stations

Government Office

Hotels

Industrial Plant

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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 8 MP resolution for recording, optimizing bandwidth and storage with the latest H.265+ compression technology. For data safety, Globus NVRs provide 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 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+4 CHANNEL

Globus 8+4 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 Full HD resolution, Globus brings a whole new level of clarity and detail to your security monitoring. Fortify your security system with our revolutionary Full HD capable 8+4-channel NVRs.

Full HD

Globus Network Video Recorders support Full HD resolution for Live View, Preview & Playback on all channels, to bring the utmost clarity and quality to your recorded video. Full HD resolution results in realistic colour reproduction, superior digital zoom capabilities and sharper videos giving you greater opportunity to analyze your feeds with precision.
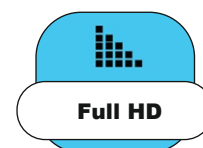
Linux
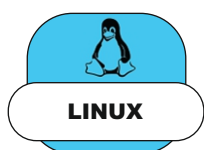
Globus series of Linux-based Network Video Recorders ensures greater data security since the OS is risk-free from virus and cyberattacks. Therefore, it provides a reliable data storage mechanism along with more stable performance. Linux-embedded system also offers greater ease of installation and increased 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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VCA

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.

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.
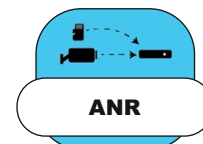
8+4Ch Full HD Network Video Recorder

System	
Main Processor	Dual-Core Processor
Operating System	Embedded LINUX
Display	
HDMI Output	HDMI-1 Resolution: 1920×1080, 1280×720, 800×600, 1024×768,1366×768, 1440×900, 1280×800
VGA Output	VGA-1 Resolution: 1920×1080, 1440×900, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
Screen Split	1/3/4/5/6/7/8
Audio Video Input	
IP Video Input	8+4 Channel
Audio Input	N/A
Audio Output	1xRCA
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
Total Throughput	160Mbps
Encode	
Recording Resolution	8MP, 6MP, 5MP, 3MP, 1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Recording Stream	Single Stream Supported
Video Compression	H.265+, H.265, H.264
Audio Compression	Camera audio compression will synchronize.
Sample Rate	8KHz/16KHz
Decode	
Synchronous Playback	1x8MP, 1x6MP, 1x5MP, 2x4MP, 2x3MP, 4x1080P, 8x720P
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	N/A
Alarm Output	N/A
Trigger Events	Recording, PTZ Setup, Sequence Interval, Buzzer and Screen Tips.
Abnormal Warning	Network Disconnect, Disk Full, Record Failed, Disk Error, No Disk.
Video Content Analytics	VCA detection alarm is supported
Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)
Auxiliary Interface	
Serial Interface	N/A
USB Interface	2xUSB 2.0
Storage	
SATA	1 SATA Interface for 1 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 10/100Mbps
IP Support	Static, Dynamic
Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, SNMP, SSL, Telnet, RTMP, NFS
AES Encryption	AES128 Supported
Multi Level User ID/ Password	Supported

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Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Globus CMS-lite
Mobile Application	GloView lite
User/Host	32
Environmental	
Power Supply	DC-12V 3.33A
Power Consumption	≤10W(Without HDD)
Operating Temperature	-10C°~55C°, Less than 90% RH
Rack Mountable Chassis	1U Standard
Dimensions	44mmX255mmX231mm
Weight	0.8Kg

8 Channel Power Supply	
Rated Power	60W
DC voltage	12V/13.5V/15V
Rated current	5A/4.5A/4A
Current rating	0.8A
Voltage Rating	150V-285V

Interfaces
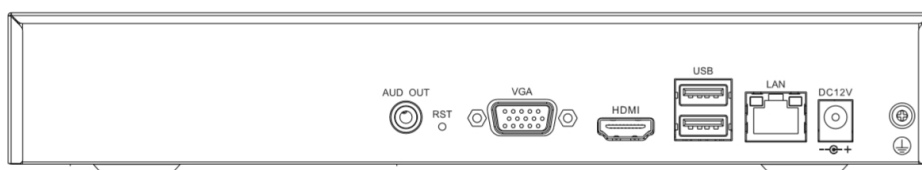
About Globus Infocom

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.

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