SAFE IS THE NEW SMART

32Ch 4K Network Video Recorder

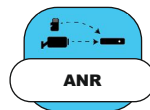### Model: GNRA-P240R16

| 32 CHANNEL | 4K | LINUX | H.265+ | ANR | ALARM I/O | RAID | N+1 |

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.
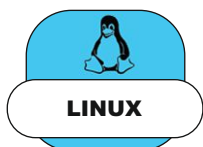
32 CHANNEL

Globus 32 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 32-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.
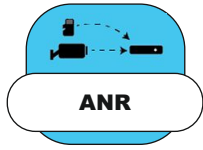
Linux

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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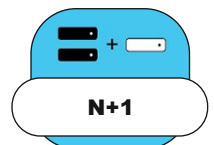
RAID

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.

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KEY FEATURES

HD Input

- 265+/H.265/H.264 video formats

- Connectable to the third-party network cameras

- Up to 32 IP cameras can be connected

- Supports live view, storage, and playback of the connected camera at up to 12MP resolution

HD Output

- HDMI and VGA independent outputs

- HDMI Video output at up to 4K (3840 × 2160) resolution

HD Storage

- 16 SATA interfaces connectable for recording and Backup on the front panel, up to 10TB for each HDD

- 265+ compression effectively reduces the storagespace and costs by up to 75%

HD Transmission

- 2 self-adaptive 10/100/1000 Mbps network interfaces

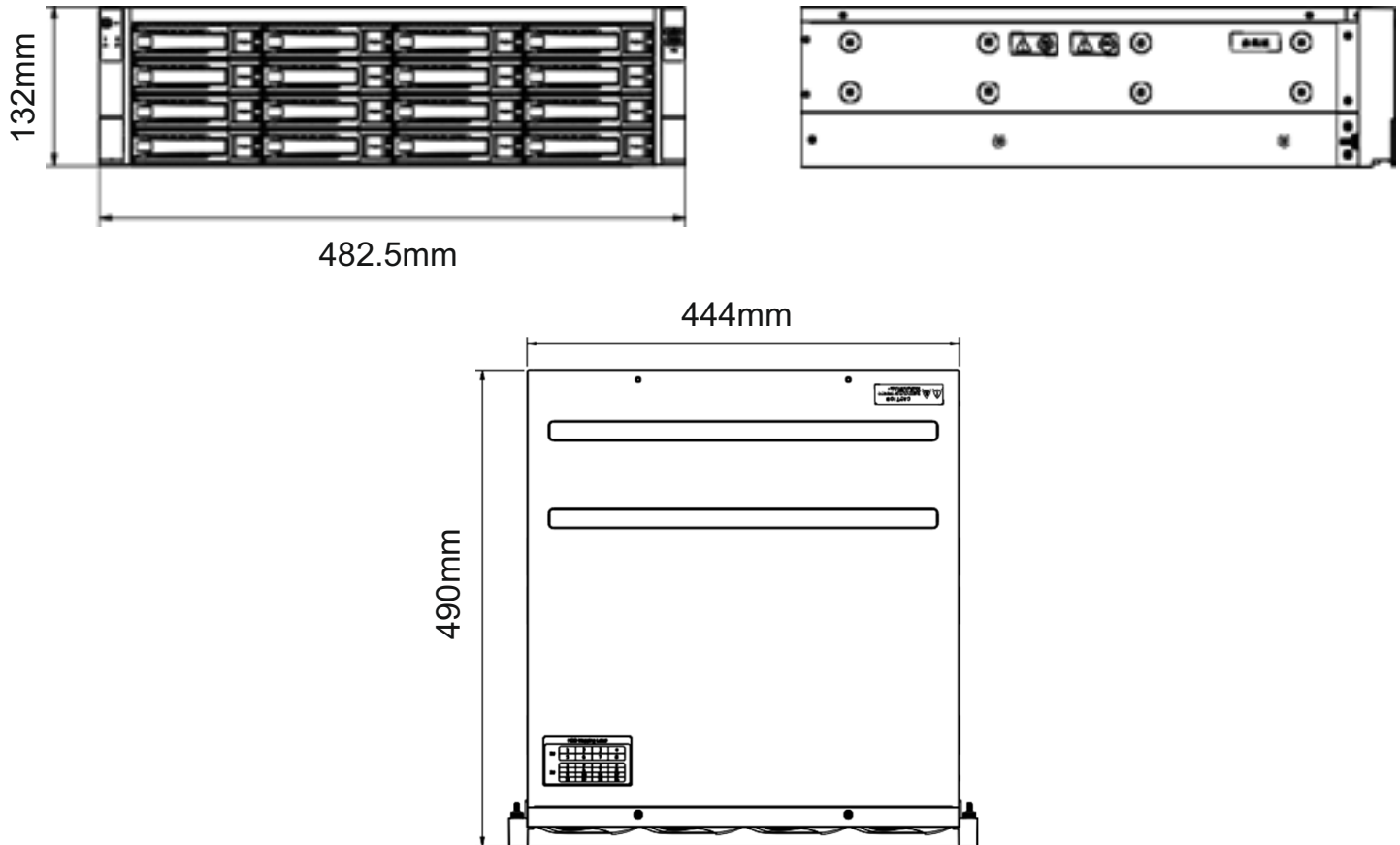### Stability Assurance

- Hot swap HDD

Various Applications

- Centralized management of IP cameras, includingconfiguration, information import/export,Real-time information display,

  two- way audio, upgrade, etc.

- Connectable to smart IP cameras ,recording, playing back, and backing up of VCA alarms can be realized.

- VCA detection alarm is supported

- Smart search for the selected area in the video and smart playback to improve the playback efficiency

- Web6 supports plug-in-free browsing and can preview Videos on all browsers

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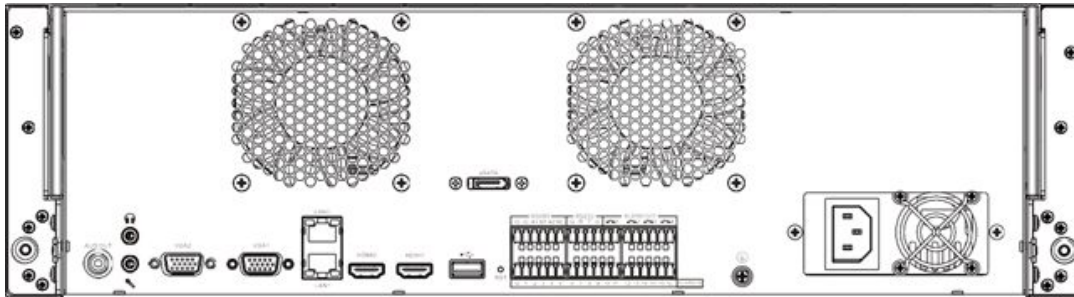
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32Ch 4K Network Video Recorder

Input	
Video Input	32-ch
Max Resolution	12MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 320Mbps; Outgoing 320Mbps
Output	
HDMI/VGA Output	HDMI 2-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768,1366×768, 1440×900, 1280×800
	VGA 2-ch, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800
Screen Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64
Audio Output	1x3.5mm, 1xBNC
Decoding	
Decoding Format	265+H.265/H.264
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	3x12MP, 4x8MP, 4x6MP, 5x5MP, 8x4MP, 9x3MP, 16x1080P, 32x720P, 64x4CIF
Synchronous Playback	3x12MP, 4x8MP, 4x6MP, 5x5MP, 8x4MP, 9x3MP, 16x1080P, 16x720P
Records Encryption	Yes
Hard Disk	
SATA	16 SATA interfaces for 16 HDDs
Capacity	Up to 10TB for each HDD
ESATA Interface	1 eSATA interface
Array Type	JBOD, RAID0/1/5/6/10

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External Interface	
Network Interface	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces
USB Interface	2xUSB 2.0, 1xUSB 3.0
Serial Interface	2xRS-485, 1xRS-232
Alarm In/Out	16/4
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
System Compatibility	ONVIF (PROFILE S/T/G), SDK, P2P
General	
Operating Conditions	-10^{0}C $\sim$ 55^{0}C, 10%~90% RH
Power Supply	AC100~240V, 50/60HZ
Consumption (without HDD)	100W (without HDD)
Chassis	3U
Dimensions	132×482.6×490mm, (5.2×19×19.29 inch)
Weight (without HDD)	11.35Kg (25.02lb)

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DIMENSIONS (Unit: mm)

132mm

482.5mm

444mm

490mm

Physical 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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