NDAA Compliant

16-channel network recorder

GANZ GENSTAR

NR8V-3816H2-III

Special features:

- Built-in two 1Gbps Ethernet network interfaces
- **12MP(4K)** - recording and displaying video streams of up to 12MP max resolution from each channel
- **HDMI/VGA** - Supports VGA and HDMI monitors up to 4K resolution
- Supports HDD with a maximum capacity of 12TB
- Adaptable network video stream for remote viewing
- Works with most cameras with ONVIF protocol S profile in continuous recording mode
- **P2P (cloud)** - the ability to easily view images from cameras through a client application for Android and IOS
- Built-in dedicated DDNS service "genstarddns.com"
- Support for IVS analytical events from GenSTAR cameras
- A mechanism of virtual buttons that allows you to program HTTP(GET) commands under them, which allows you to arm and disarm IP cameras of the PIXELPRO series
- Ability to arm/disarm the recorder using HTTP(GET) command
- **NDAA compliance** - the device complies with the U.S. congressional law called the "National Defense Authorization Act"
- **Integration with KronosNET and Alice platforms:**
  - Support for GENSTAR series cameras and recorders
  - Live video and archive viewing
  - Controlling PTZ cameras
  - Two-way audio
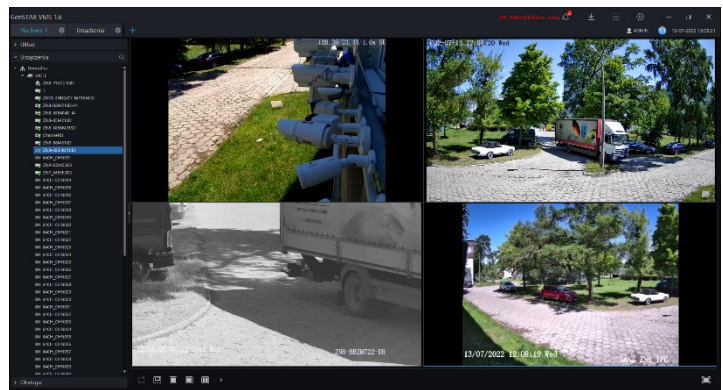 - Handling alarm events generated by the recorder

Model	NR8V-3816H2-III
Number of video channels	16 x 12MP max.
Input bandwidth	112 Mbps
Output bandwidth	112 Mbps
Video/audio codec	H.265/ H.264/ G.711U/ G.711A
Resolution of recordings	12MP/8MP/6MP/5MP/4MP/3MP/1080p/720p
Recording speed	Up to 30 fps per channel
LIVE/PB resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/720p
LIVE/PB display	16-ch. (D1) | 8-ch. (1080p) | 4-ch. (4MP) | 1-ch. (12MP)
Playback speed	Maximum x16 (forward)
Monitor resolution	VGA: 1920x1080 / 1280x1024 (60Hz)
	HDMI: 3840×2160, 1920×1080, 1280×1024, 1024×768
SPOT output	N/A
HDD support	2x SATA HDD (max. 2 x 12TB)
eSATA connector	N/A
Archiving	MP4 or TS (metadata) - USB, WWW
Recording schedule	Weekly or daily
Alarm Search	Based on date/time, event
	By event: motion detection, IVS analytics
Network interface	2 x RJ45 (Base-T 10/100/1000 Mbps)
Network protocols	TCP, UDP, IPv4/6, HTTP/S, DHCP, SMTP
	DNS, DDNS, NTP, RTP, RTSP
	Unicast, uPNP, WS-Discovery
	802.1x, SSL
Import/Export of settings	Locally on USB
PoE interface (switch)	N/D
Other	Built-in hardware WatchDog
	FW update over USB or TCP network
	Support for GenSTAR IVS analytics
	Support for ONVIF profile S cameras

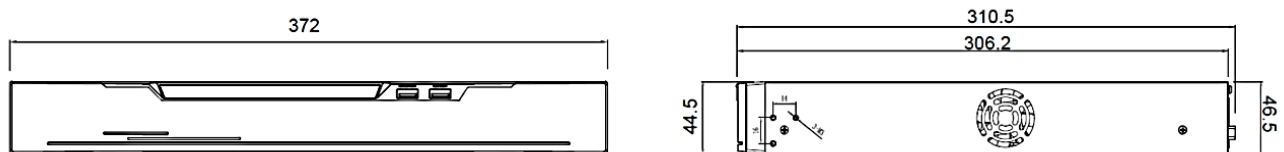| Technical parameters	
Power supply	12 VDC/ 3A
USB ports	2 x USB 2.0
HDMI/VGA output	1 x HDMI / 1 x VGA
AUDIO	1 x EC / 1 x WY
ALARM	8 x EC / 1 x WY
Power consumption	Max. 10W (without HDD, USB)
Operating temperature	-10° ... +50°C
Humidity max.	< 90%
Certification and classes	CE / FCC
Housing	1U
Dimensions (weight)	372 x 310 x 46.5 mm (1.8kg)

Additional information:

Manage the DVR from the professional client application **GenSTAR VMS:**

- o Client-server architecture (multiple clients - one server)
- o Support for up to 256 video devices
- o Image display on 4 monitors
- o Each monitor with up to 64 live cameras
- o Archive service
- o E-MAP function
- o Alarm handling
- o Live video preview
- o Search for recordings by event
- o User authorization management
- o Privilege management through user groups

Dimensions:

Back panel:

1   2   3   4   5   6 7

1. **Ethernet LAN1/ LAN2 port**
2. **Audio I/O**
3. **VGA monitor output**
4. **HDMI monitor outputs**
5. **Alarm I/O**
6. **12 VDC power connector**
7. **Power switch**