

Advanced AI Network Video Recorder

GNVR-A1602L (16 ch.) Varenr.: 34220

GNVR-A3202L (32 ch.) Varenr.: 34232



Features

- ✓ 16 -channel input / 32 -channel input
- ✓ Support 2 pc. SATA HDD
- ✓ Support Ultra H.265 / H.265 / H.264 video formats
- ✓ **NDAA** compliant
- ✓ Supports ONVIF conformance (**Profile S, Profile G, Profile T**) and **RTSP** protocols.
- ✓ Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- ✓ Support HDMI and VGA independent monitor outputs.
- ✓ Up to 16 Megapixels resolution recording
- ✓ ANR technology to enhance storage reliability when the network is disconnected.
- ✓ Support cloud upgrade (FW & features) & GuardEye app.



Specifications

Decoding	Description
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	GNVR-A1602L: Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30 GNVR-A3202L: Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 24 x 720P@30, 32 x D1
Audio Compression	G.711A, G.711U

Network	Description
Incoming Bandwidth	Smart Off: 320 Mbps Smart On: 160 Mbps
Outgoing Bandwidth	160 Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; IPV6
Browser (Plugin) APP & Software	Windows: IE(IE10/11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above) APP: GuardEye / Guardeon Software: VMS Lite 64 ch. / player / IP tool.
Video/Audio Input	Description
IP Video Input	GNVR-A1602L 16-ch GNVR-A1602L 32-ch
RCA Audio Input	1-ch
Video/Audio Output	Description
HDMI Output	HDMI:4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Live view Display	GNVR-A1602L: 1/4/6/8/9/16 GNVR-A3202L: 1/4/6/8/9/16/25/32
Corridor Mode Screen	GNVR-A1602L: 3/4/5/7/9/10/12/16 GNVR-A3202L: 3/4/5/7/9/10/12/16/32
Two-way Audio	Description
Two-way Audio	1-ch, RCA (Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	4-ch snapshot, up to 4K resolution
Recording	Description
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	GNVR-A1602L & GNVR-A3202L :16-ch on monitor
Smart	Description
VCA Detection by IPC	Face Detection; face detection; Vehicle detection; SIP (Intrusion detection, Cross line detection, Enter area, Leave area); Ultra motion detection (UMD); Temperature detection (Fire detection, Smoking detection, Temperature measurement, Smoke and fire detection); People counting (People flow counting, Crowd density monitoring); Video metadata; Traffic monitoring
Smart by NVR	Face detection; Smart intrusion prevention (SIP); Ultra motion detection (UMD)
VCA Search	Motor vehicle search; Non-motor vehicle search; Human body search; General search; People counting report; Heatmap
Smart by IPC	All channels (up to 8 images/s in total) Face detection, face detection, vehicle detection, Temperature detection, SIP, UMD, Video metadata, Traffic monitoring
Face Picture Library	Up to 16 face picture libraries, with up to 50.000 face pictures in total

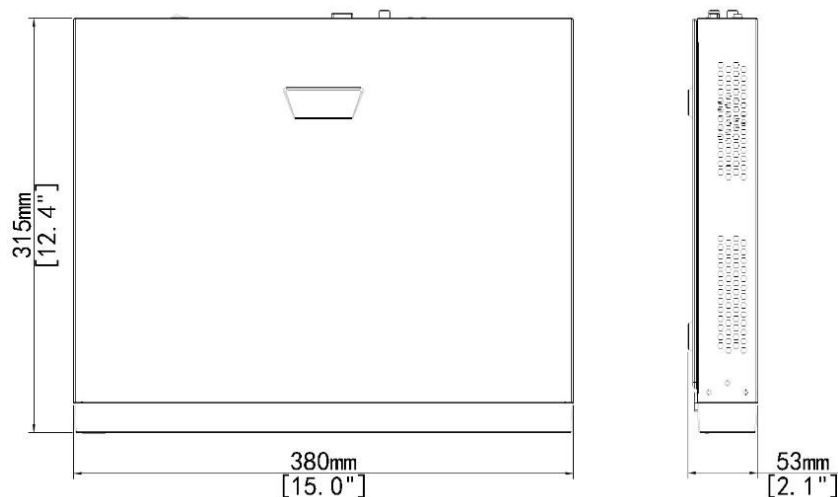
DATASHEET

Guardeon Security Systems

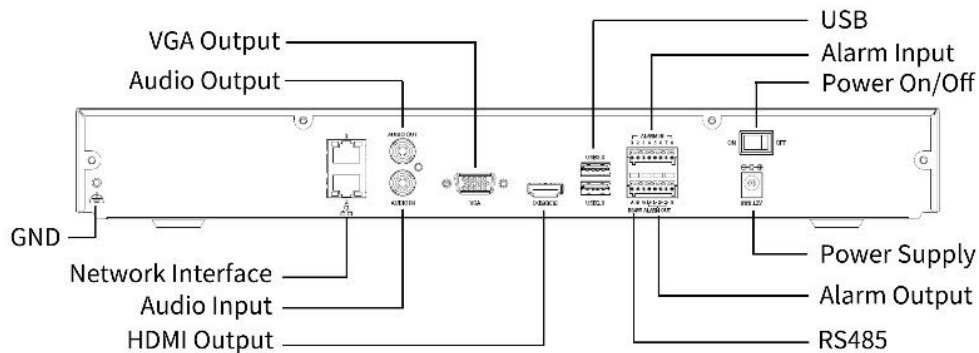
Search by Image	Support
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25.000 vehicle pictures in total
SIP by NVR	4-ch
UMD by NVR	8-ch
Capacity of Snapshot Records	2 million records for face snapshot; 2 million records for vehicle snapshot; 3 million records for SIP; 2 million records for video metadata
Alarm	Description
General Alarm	Defocus detection; Scene change detection; Object left behind; Object removed; Auto tracking; Motion detection; Tampering; Human body detection; Video loss; Alarm input; Audio detection
Alert Alarm	IP conflict; Network disconnected; Disk offline; Disk abnormal; Illegal access; Hard disk Space low; Hard disk full; Recording/Snapshot abnormal; Array damaged; Array degraded
GUI Language	Description
GUI Language	English, Danish, Swedish, Norwegian, Finnish,
Hard Disk	Description
SATA	2 pcs. HDD SATA Interfaces
Capacity	Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature) Max: 32 TB
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 1
External Interface	Description
Network Interface	2 pcs. RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front panel: 1 x USB2.0; Rear panel: 1 x USB2.0, 1 x USB3.0
RS485	1
RS232	N/A
Alarm In	8-ch
Alarm Out	2-ch relay
Power Supply	DC 12 V / 3 A
Power Switch	Support
Working Environment	Description
Working Temperature	-10° C ~ + 50° C (+14° F ~ +122° F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HD D)	≤ 12 W
Dimensions	Description
Weight (without HDD)	≤ 2 Kg (4.4lb)
Height	1 Unit
Dimensions	380 mm × 315 mm × 53 mm (15.0"×12.4"×2.1")

Certification	Description
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15 Subpart B

Dimensions



Rear Panel



*Product specifications and availability are subject to change without notice.

*Despite our best efforts, technical or typographical errors may exist in this document. Guardeon cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.

