

# Grandstream GVR3550 Network Video Recorder NVR



Product Name: Grandstream GVR3550 Network Video Recorder NVR

Manufacturer: Grandstream

Model Number: GVR3550

## Grandstream GVR3550 Network Video Recorder (NVR)

The Grandstream GVR3550 Network Video Recorder (NVR) offers small to medium businesses (SMBs) and residential users a reliable and easy-to-manage solution for video surveillance recording and monitoring.

### Grandstream GVR3550 Features

- Up to 24 channels of 720p HD or 12 channels of 1080p HD audio/video real-time recording
- Automatic discovery for IP cameras on the local network
- Fully customizable recording rules: time based, event based, manual or automatic
- Up to 4 SATA 3.5" internal hard drives with maximum 16TB storage and RAID 0 or RAID 1 configurations
- Complete security features including role based access control, event/system logs and hard drive content encryption

It provides video recording, indexing, searching and video storage management for up to 24 IP video cameras to allow users to record and monitor their IP video surveillance network using one device. The GVR3550 supports all Grandstream IP Video surveillance cameras and IP Video Encoders/Decoders in addition to all ONVIF compliant IP Cameras. Users can view the live feed of up to 16 cameras simultaneously by connecting the GVR3550 to a TV or computer monitor or through remote access, and can save up to 16TB of video files on the device by connecting up to 4 hard drives.

### Grandstream GVR3550 Technical Specifications

#### Video Recording

- Up to 24 channels (RAID 0 and 7,200rpm HDD) or 16 channels\* (RAID 1 or 5,400rpm HDD) of 720p (1280x720) or half the channel density using 1080p Full HD

#### Total Recording Rate

- Up to 48 Mbps

#### Recording Modes

- Continuous mode, record by schedule, event triggered or manual

#### Audio Recording

- Synchronized audio and video recording

#### Audio Compression

- G.711 (u-Law and a-Law)

#### Live View

- Up to 16 channels of VGA, 4 channels of 720p, or 2 channels of 1080p via HDMI or VGA output

#### Event Trigger

- Yes

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## Intelligent Search

- Time & date, motion

## Total Storage

- Up to 16TB internally with encryption; additional storage available via external eSATA

## RAID

- RAID 0 or RAID 1 support

## Storage Redundancy

- Backup to USB

## 1 x HDMI

- 1 x HDMI

## VGA Interface

- 1 x VGA

## Network Interface

- 1 x 10/100/1000Mbps auto-sensing RJ45 port

## Line-in

- 1 x RCA

## Line-Out

- 1 x RCA

## Alarm-In

- Terminal 16 inputs (NO/NC), Vin 2.5V~12V; Iin 2.5mA~30mA

## Alarm-Out

- Terminal 2 outputs (Relay), 0.5A at 125 VAC; 2A at 30 VDC

## UPS

- UPS Management (pending)

## USB Interfaces

- 2 x USB 2.0 host ports

## eSATA

- 1 x eSATA port

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## LED indicators

- Power, LAN Link/Activity, Hard Drive Activity, fan

## Input

- 1 IR Remote Control; optional USB mouse and keyboard

## RTC

- Yes

## Internal HDD

- Internal HDD Up to 4 3.5" SATA hard drives with maximum 16TB storage (HDD not included)

## QoS

- Layer 2 QoS (802.1Q, 802.1p) (Layer 2 QoS pending) and Layer 3 QoS (ToS, DiffServ, MPLS) coming soon

## Network Protocols

- TCP/IP/UDP, RTP/RTCP/RTSP, HTTP/HTTPS, ARP, ICMP, DNS/DDNS, DHCP (client and server), Network Protocols NTP (client and server), SSH, PPPoE, LLDP (pending), 802.1X, ONVIF 2.2

## IP Cameras Supported

- Grandstream GXV36xx cameras, GXV35xx encoders/decoders, & 3rd party ONVIF compliant cameras

## Provisioning

- HTTP, HTTPS, ONVIF

## Security

- HTTPS, 802.1x (pending), SSH

## Management

- Syslog, Web Browser, SSH, GSurf Pro (pending)

## Universal Power Supply

- Input: 100~240V 50/60Hz Output: 12V/5A 60W

## Environmental

- Operation: 0°C to 50°C Storage: -20°C to 60°C (HDDs not included)  
Humidity: 10% to 90% non-condensing

# Grandstream GVR3550 Network Video Recorder NVR

## Physical

- 440mm (W) x 343.5mm (L) x 44mm (H) Package weight: 4052.5g

## Mounting

- 1U rack mount with front brackets

## Compliance

- FCC: Part 15, (CFR 47) Class B CE: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950 RCM: AS/NZS CISPR22, AS/NZS CISPR24, AS/NZS 60950 Comply with R & TTE, RoHS & WEEE

**Price: £157.89**

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