

GRIP DVR-19

Rugged 19" Rack Mount Digital Video Recorder



Display

- 7" Touch screen LCD display

Storage

- Solid state SATA II hard drive 64 to 512 GB
- Capacity for 110 to 1000 hours of H.264 video

I/O Connections

- Video Input – 4 channels, PAL or NTSC, BNC
- Serial – 1 RS232 / 422 / 485 capable, DB9
- USB – 1 USB 2.0 ports
- Ethernet – 1 port, 10/100/1000Base-T, RJ45,
- Power – AC

Environmental

- Operating temperature -20°C to +50°C
- Storage temperature -40°C to +70°C
- Internal shock and Vibration isolation

Power

- 90 - 264 VAC, 47 - 63 Hz
- Power consumption <60 W

Mechanical

- Weight 11 lbs, 5 Kg
- Dimensions 3U, 19" Rack Mount, 233 mm deep

EMC

- EN55022 Class A, EN55024
- Part 15, Class A

Options

- Custom connector panel
- WiFi, additional LAN + other
- 2nd SSD hard disk up to 512 GB
- Additional serial ports, USB ports
- "Loop through" Video Out connectors
- Multi-standard recording (H.264, MJPEG or raw)

Touch Screen Video Recorder

The GRIP DVR-19 is a commercial off the shelf (COTS) rugged digital video recorder. The DVR is enclosed in a 3U, 19" rack mount chassis and incorporates a 7" touch screen LCD display on the front panel. The touch screen display is used for control of the DVR and review of the recorded video.

The standard DVR-19 configuration provides real time H.264 compression and recording of up to 4 analog video channels at full D1 resolution and frame rate. Recording options include, video quality, frame size and frame rate. The base 64 GB of internal solid state storage provides capacity for more than 110 hours of H.264 compressed video storage and a front panel USB 2.0 interface allows easy backup of video data to an external flash drive or hard disk.

Within the DVR-19 chassis internal shock isolation is used to ensure reliable operation in harsh environments where the unit is subjected to shock and vibration.



Example touch screen display showing video replay menu.

Vision4ce DVR Products

Vision4ce also offers these alternative digital video recording products

GRIP DVR

A network controlled digital video recorder and digital video distribution system. This compact and rugged IP67 sealed unit includes an IP video server that can be configured to distribute one or more input video streams over 100/1000Base-T Ethernet networks.

GRIPView Video Management System

The DVR function can also be supplied as part of our GRIPView video management system. This high performance software enables the complete control of electro-optical systems and is suitable for a wide variety of military surveillance, fire control, and test range applications.

