

Xtralis Integrated Security and Access Control V3500

High Capacity Digital Video Recorder / Server

Description

The Xtralis V3500 is an innovative, high capacity digital video recorder/server that provides virtually unlimited, encrypted network video storage using a patented process which dramatically reduces power consumption.

The V3500 provides unlimited storage and unlimited archiving in one unit using patent-pending Xtralis Cold Disk Technology™. Unlike other storage servers that use constantly running disk drives to record video streams and security data, the V3500 CDT server dynamically routes data to multiple on-board storage modules. This distributed approach to data storage allows modules to be powered down when not in use, resulting in a reduction in energy consumption and heat dissipation of more than 50% versus traditional storage options.

The V3500 delivers multi-codec video streams (MPEG-4, H.264, MJPEG) making it suitable for centralised, decentralised, LAN/WAN infrastructures, and local/remote video applications.

Features

- With long-term storage and retrieval capabilities, easily swappable storage cartridges, and a service-friendly architecture, the V3500 is revolutionary in design and performance.
- The V3500 uses a secure encrypted storage format with fully redundant (auto-balancing) processing and storage.
- The V3500 is fully interoperable with the Xtralis 3000 Series family of products, including the V3100 for video and audio recording and transmission, the V3001 for video wall applications, and the S3000 for IP-based access control.
- The V3500 includes a web-based interface and integrated software for viewing and control.

Xtralis Security Solution product family



Key Benefits

- Significant energy savings with patent-pending Cold Disk Technology
- Powerful, integrated real-time archiving for effective bandwidth optimisation
- Virtually unlimited video storage (>1000 TB)
- Easy swappable storage cartridges
- Highly secure encrypted storage format
- Service friendly architecture with auto balancing processing and storage
- High reliability central and decentralised storage support
- Multi-codec MPEG-4, H.264, MJPEG



SECURITY SOLUTIONS

Xtralis Integrated Security and Access Control V3500

High Capacity Digital Video Recorder / Server

Specifications

Processor	Single or Dual CPU; Quad Core Xeon CPU
Storage	SATA DAS over SAS BUS disc storage for 16 cartridges with 250, 400, 750 or 1000 GB HDD / 7200 rpm
RAM	4 GB
Drives	5 1/4 DVD-ROM; Drive protected bootable USB flash key
Ethernet	Dual 10/100/1000 Mbps auto negotiate, IEEE802.1d (STP) Compliant
Operating System	Linux
Video Compression	MPEG-4 , H.264 and MJPEG
Video Resolution	(*) Video stream input adjustable (dependent): cif/2cif/Dcif/4cif/VGA/Mpixel...
Images/second	(*) Video stream input adjustable (dependent): 30 ips NTSC / 25 ips PAL, 4cif/VGA 18 ips Mpixel
Bandwidth	(*) Video stream input adjustable (dependent): compression, ips, resolution
Protocols	TCP/IP, NTP, ARP, ICMP, SNMP, SSH, HTTP, HTTPS, IPV4, IPV6 ready
Performance	Full redundancy and auto-balancing through V3500 units
Recording	Continuous, Job scheduled, Event
Software	Web browser interface and M3000 security management software
Housing	V3500:CPU 19"/ 1U x 740mm (29.1") D Colour: black; Weight: 12.5 kg (27.6 lbs); Indoor use V3500:STU 19"/3U x 700mm (27.6") D Colour: black; Weight: 19.5 kg (43 lbs); Indoor use V3500:HDC bay colour: grey/black – weight: 0.950 kg (2.1 lbs)
Power supply	V3500:CPU: redundant PSU (670 W, 100-240 VAC, 50/60 Hz) V3500:STU: redundant PSU (each 400 W, 100-240 VAC, 50/60 Hz)
Temperature	Operation: 5 - 40°C (40 - 104°F) 0 - 95% RH non-condensing, overheat indicators
Product Codes	V3500:CPU: Server Processing Unit, part number: 09003200 V3500:STU: JBOD DAS with dual PSU and SAS BUS (16 trays) part number: 09003201 V3500:HDC: 250 GB SATA disc / 7200 rpm, part number: 09003210 400 GB SATA disc / 7200 rpm, part number: 09003211 750 GB SATA disc / 7200 rpm, part number: 09003212 1 TB SATA disc / 7200 rpm, part number: 09003213
(*) video stream: The Xtralis V3500 can receive video streams from several sources: IP camera, IP server, V3100, PC producing an image, etc. The 3500 unit supports multiple codec video streams with standard MPEG-4, H.264 and MJPEG compatibility.	

V3500:CPU - 19" Rack



Housing Dimension	19"/1U x 740 mm (29.1") D
Colour	Black
Weight	12.5 kg (27.6 lbs)

V3500:STU - 19" Rack



Housing Dimension	19"/3U x 700 mm (27.6") D
Colour	Black
Weight	19.5 kg (43 lbs)

V3500:HDC - Cartridge



Colour	Grey/Black
Weight	0.950 kg (2.1 lbs)

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