Description

The Xtralis V3001 is a new IP virtual video matrix unit for IP video wall applications.

The V3001 provides Multi-codec (*) video stream support, random customised screen layouts for 4:3, 16:9 and 16:10 aspect ratio screens and overlay capabilities such as interactive screen selection, superpose zoom in, and indication of meta data.

Features

- The V3001 provides a high performance fan-less video signal (VGA) generator for virtual video matrix (VMX) observation screen(s) with support for MPEG-4, H.264 and MJPEG.

- The V3001 includes a video wall layout design with random mosaic or full screen options. In alarm state, overlay images can support alarm banners and additional event information.

- The V3001 provides widescreen support for 16:9, 16:10 aspect ratio with IP video stream (*) input from several sources (e.g. IP camera, Xtralis V3100, Xtralis V3500, IP video server, PC producing an image, etc.)

- The V3001 is fully interoperable with the 3000 Series family of products, including the V3100 for video and audio recording and transmission, the V3500 for mass storage and archiving, and the S3000 for IP-based access control.

- Direct control and configuration is provided through Xtralis M3000 software.

Key Benefits

- Very high performance with MPEG-4, H.264 and MJPEG support

- Free video wall layout design - random mosaic or full screen

- IP video stream input from multiple sources

- Widescreen support for 16:9, 16:10 aspect ratios

- Linux operating system

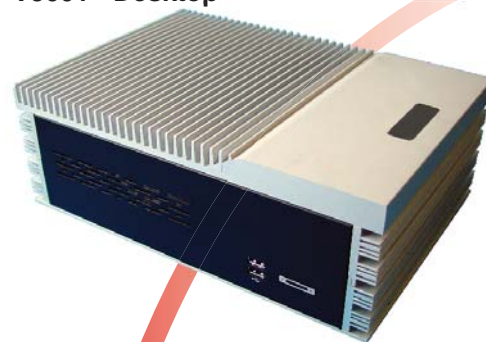## Xtralis Security Solution product family

Xtralis S3100:
Access & Security
Panel

Xtralis ADPRO PRO Series
PIR for outdoor
detection

Xtralis S3000:
IP Access
Control System
with PoE

Xtralis V3100:
Network Audio &
Video Recorder /
Transmitter

Strong Encrypted TCP/IP

Power Over Ethernet

Xtralis M3000:
Command and
Control Software

Ethernet
I/O

Analogue Cameras

Communication (SSL)

(IEEE 802.3af PoE)

Xtralis ADPRO Presidium
Intelligent Video

Xtralis FALCONnet:
Fire Detection &
Control

Xtralis VESDA
Very Early Warning
fire detection

Xtralis V3500:
High Capacity IP Video
Storage Server

IP Cameras

Xtralis V3001:
IP Virtual Video Matrix Unit

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Specifications

Processor	Core 2 Duo
RAM	512 MB / DDR2
Flash memory	USB stick
Ethernet connection	10/100/1000 BaseT (GBPS)
Operating system	Linux
Video compression	MPEG-4, H.264, MJPEG
Video resolution	Input: (*) video stream input adjustable (dependent) cif/2cif/Dcif/4cif/VGA/Mpixel... Output: (**) VGA (640x480), SVGA (800x600), VGA (640x480), SVGA (800x600), XVGA (1024x768), SXGA (1280x1024), WXGA (1280x768), VGA (1600x1200), max 1600x1600 pixels (DDC supported by monitor)
Bandwidth	(*) video stream input adjustable (dependent)
Protocols	Ethernet connection: TCP/IP, NTP, ARP, ICMP, SSH, HTTPS, IPV4, IPV6 ready
Software	Web browser interface and M3000 Windows-based security management software
Housing	Aluminum die-casting and heavy-duty steel (Colour: silver) - Indoor use
Dimensions	W: 300 mm (11.81"); H: 104.5 mm (4.11"); L: 210 mm (8.27")
Weight	6.7 kg (14.77 lb)
Power supply	240 V / 50 Hz – 2,5 Amp
Temperature	Operational Temp: -5 to 40°C (23 to 104°F); 95% rh non-condensing
Product code	V3001: IP virtual video matrix unit - part number: 09003401
(*) Video stream: The V3001 can receive video streams from several sources (e.g. IP camera, IP server, V3100, V3500, PC producing an image, etc.). The V3001 unit supports multiple codec video streams with standard MPEG-4, H.264 and MJPEG compatibility. (**) Output resolution adjustable and monitor dependant (match between V3001 and used monitor, resolution, refresh rates and colour depth).	

V3001 - Desktop

Dimensions	W: 300 mm (11.81") H: 104.5 mm (4.11") L: 210 mm (8.27")

V3100 – Video Output

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