

NETVU UNIPLEX APPLIANCE NETWORK VIDEO RECORDER



Designed, manufactured and supported in the United Kingdom, with software written entirely to Western Standards, the NetVu Uniplex range provides the best solution for every application. With its embedded, secure, switch the Uniplex Appliance provides a robust and sophisticated IP surveillance solution, which is both scalable and dependable.

WHY UNIPLEX?

- ✓ Compliance with the latest Secure by Design guidelines, offering complete immunity from cyber threats.
- ✓ Connect NetVu cameras over Co-axial or Ethernet cables, offering a lower cost to upgrade legacy analogue video surveillance systems to high definition IP.
- ✓ Automatic discovery and channel allocation of NetVu cameras and peripheral devices with automatic firewall and VLAN configuration for better cyber security.
- ✓ Driven by NetVu Connected core technology to ensure differentiated, scalable and seamless operation.
- ✓ MultiMode™ recording with NetVu cameras reduces storage needs while maintaining very high recording quality, offering initial savings on storage costs and extended Hard Disk Drive life.
- ✓ Simple data capture, recording and presentation from EPOS, Electronic Access Control and Building Management Systems.
- ✓ NetVu PowerScripts™ for quick and easy integration and customised applications.

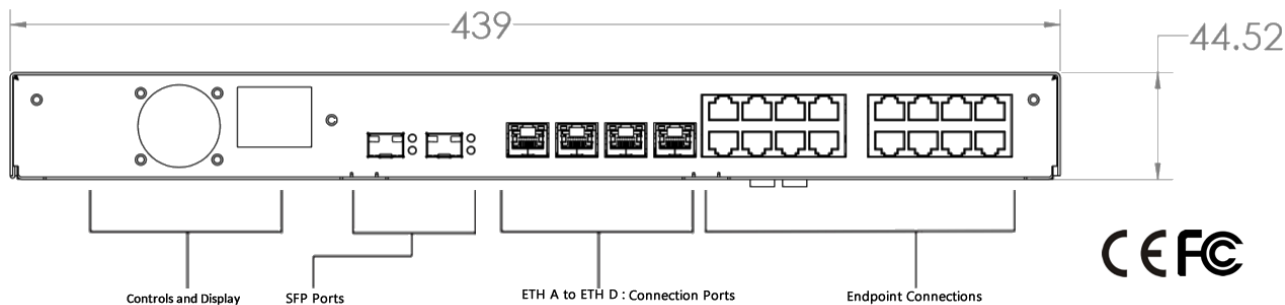
KEY FEATURES

- 1U Appliance Network Video Recorder with 16 integrated PoE Camera endpoints, expandable to 64 channels using NetVu System Extenders or customer network.
- Available with a single or four bay external storage unit, giving multiple storage options and tool-less, on-site servicing.
- Local display capable of supporting all camera resolutions, including 360-degree 12MP immersive view cameras.
- Polymorphic recording/streaming allowing instant change of recording profile based on recognised stimulus or user definition.
- Video Partition File™ (PAR File) Format with low latency streaming, error correction and time-synchronised playback of multiple images, audio and metadata plus activity-based search of recordings.
- Advanced audio and alarm solution, expandable via camera inputs, Modbus, ContactID and SIA.
- NetVu Cloud-based support features that allow complete remote configuration, health-checking, maintenance and support of your system.

Technical Specifications	
Channels	Up to 64 channels using NetVu System Extenders.
Endpoint Connections	8 or 16 x 10/100bT Camera Endpoint Ports. PoE / PoE+ Mode A & B supported.
Network Connections	4 x Gbit RJ45, 2 x Gbit SFP modules.
Local Display	HDMI, 1920x1080, 360 De-warping supported. OLED display on front panel.
Compression	MPEG4 / JPEG / H.264 / H.265
Supported Keyboards	KBC2/U Joystick Keyboard. USB Mouse and Keyboard.
Storage	Supplied with external storage unit, either single drive or up to four drives. Drives can be configured JBOD or RAID. ESATA connection to Uniplex Appliance NVR
Alarms and relays	17 x alarm inputs. 1 x Aux alarm. All alarm inputs are BS8418 compliant. 2 x Relay Outputs (normally open). Expandable via cameras and other sources, including Modbus, ContactID, SIA etc.
Alarm Reporting	NetVu Connected Remote Alarm Reporting. SNMP Remote Alarm Reporting.
Analytics	VMD and Activity Detection integrated with Activity Search. Additional Analytics including ALPR via near side servers.
Network Protocols:	NetVu Connected Advanced Streaming, HTTP/HTTPS, TCP/IP, UDP/IP, RTSP/RTP Unicast

	and Multicast, Telnet / SSH, FTP, PoE, NTP, SNMP, Zeroconf, ModBus, iSCSI.
Data Ports	RS232 / 485.
Audio	Line in: 1 x 1V peak to peak, 3.5mm jack. Line out: 1 x 1V peak to peak, 3.5mm jack. Local and Network audio record and playback. HDMI audio output.
General Specification & Warranty	
Power	NVR: 48V DC 220W Ext. PSU, 100- 240VAC Input. Single drive unit: 12VDC, supplied by NVR. Four drive unit: Internal PSU, 100- 240VAC Input. 200W
Operating Temperature	5°C to 45°C (41°F to 113°F).
Operating Humidity	10% to 85% (Non-condensing).
Approvals	UKCA and CE marked. 2014/30/EU – EMC, 2014/35/EU - LVD Complies with part 15 of FCC CFR47. RoHS Compliant.
Product Dimensions	NVR: 44.5mm x 439mm x 181mm Single drive unit: 140mm x 210mm x 50mm Four drive unit: 45mm x 440mm x 303mm
Product Weight	NVR: 2.4kg (5lb, 5oz.) excluding PSU. Single drive unit: 0.5kg (1lb) excl. HDD Four drive unit: 4.5kg (10lb) excl. HDD
Warranty	1 year, plus additional 1 year (registration required)

TECHNICAL DRAWING



PART NUMBERING

Uniplex Appliance

UPXA/16/E1

E1: External storage box, single 3.5" HDD capacity
E4: External storage box, up to four 3.5" HDD capacity
Endpoints: 8 or 16

HDD Specification

UHDD/6TB/1

HDD Quantity: E1 = 1 drive / E4 = 1-4 drives
Capacity: User requirement

ACCESSORIES

NetVu Joystick Keyboard KBC2/U
NetVu Network Extender NVSE/16/2-2/P

NETVU VIDEO MANAGEMENT SOFTWARE

NetVu Pick-a-Point PPW03
NetVu Enterprise Observer ENVO
NetVu Archive Management AMS

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