Uniplex Hybrid

Uniplex is one of the most secure recording solutions on the market. Based on Western software development, from small sites and systems, through to multi-site, complex environments, it meets the surveillance and data protection requirements for businesses, wherever they are in their digital journey.

Why Uniplex?

Technology: NetVu Connected technology, the communication and protocols platform at the heart of our surveillance solutions. Supporting streaming, PAR file video storage, MultiMode record and stream switching, Embedded Metadata support and handling.

Support: Advanced remote support features allow for a complete remote health check and configuration of the system. Supported by our cloud management and support services, we can manage an entire system through a single secure IP address.

Cyber Secure: Auto-discovery of compatible cameras within a network, firewall configuration protecting external physical ports by MAC, and identification of connected camera types. Auto-created secure, segregated, independent VLAN with single point gateway, protecting against attacks on exposed endpoint cabling.

Secure by design: Compliant with the requirements of Secure by Design, and increased Cyber Security built on the strengths of Closed IP, meeting and exceeding emerging further requirements.

Video management system: complete visibility across your estate. Pick-a-point gives nationwide graphical management of multiple sites and locations and the drilling down to individual cameras. While Enterprise Observer is a dedicated application offering single and multi-site control allowing simultaneous monitoring and control from one image server or from several distributed sites.

KEY FEATURES

Uniplex Hybrid is a 'familiar' face in the NVR family, sharing camera and telemetry options with its SD Advanced and SD-HD predecessors, available with:
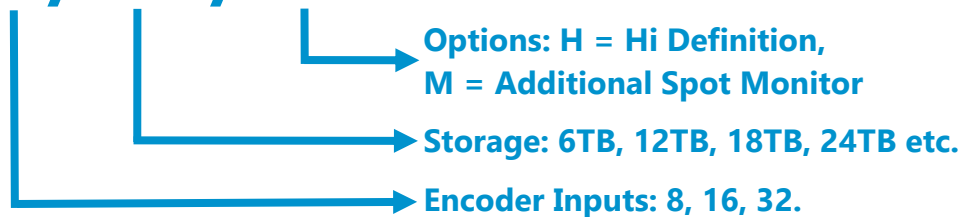
- High performance 64 channel NVR, to be used with Customer network or Closed IPTV Secure Network Extenders.
- Integrated analogue encoders, supporting options for 16 HD analogue inputs, or up to 32 Standard Definition Analogue.
- 3 off internal 3.5" drives, or eSATA / NAS Expansion, or both.
- New advanced alarm solution.
- Legacy coax and 485 Telemetry support on Hybrid systems.
- Increased Cyber Security, and will include tools to further exceed the new 'Secure by Design' requirements while retaining ease of installation.
- Advanced remote support features that allow for complete remote health check and configuration of the system supported by our Cloud management and Support services, managing an entire system through a single secure IP address.

Technical Specification

Channels	Up to 64 channels using NetVu Network System Extenders (N2SE).
Network Connections	3 off Gbit RJ45, 1 off Gbit SFP modules.

Integrated Encoders	4/8 HD Codec cards 8/16 HD Analogue 720P/ 1Mp 15fps / channel	4 SD Codec cards 16 SD Analogue D1/4CIF 30fps / channel	8 SD Codec cards 32 SD Analogue D1/4CIF 30fps / channel

Telemetry Support	Coax / UTC Dedicated Micros 2040, 2060, Oracle, Pelco C, BBV Coax.	RS485 Pelco D/P, Honeywell / VCL Orbiter & Jupiter Microspheres™, GE CyberDome™, BBV RS485 StarCard, Bosch/Philips G3, American Dynamics, Panasonic.

Local Display	2 x HDMI V1.4 Display interfaces (one from Host the other from slot FSA), 1920x1080, MPEG4 / JPEG / H.264 / H.265 / 360º De-warping supported.
Keyboard	Integrated Front Panel, KBC2/U, USB Mouse and Keyboard supported.
Storage	3 off Internal 3.5" HDD (15TB Typical / 42TB max). External eSATA Expansion. Additional NAS/SAN Support.
Alarms and relays	19 alarm inputs via 25-way female D-Type connector. 1 x alarm input via terminal block. 1 x Aux Alarm on 6-way terminal block. All alarm inputs are BS8418 compliant. 2 x Relay Outputs (normally open) on 6-way terminal block. Expandable using cameras and other sources, including Modbus, ContactID, SIA etc.
Alarm Reporting	NetVu Connected Remote Alarm Reporting. SNMP Remote Alarm Reporting.

Technical Specification

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	1 x RS232 Tx/Rx/RTS/CTS on 9-way female D-Type connector. 1 x RS485/RS422 on 9-way female D-Type connector.
USB	3 x External Type A (One on the front, two on the rear).
Audio	Line in: 2 x 1V peak to peak, 3.5mm jack. Line out: 2 x 1V peak to peak, 3.5mm jack. Local and Network audio record and playback. HDMI audio output.

General Specifications

Power	180W. 12VDC External PSU, 90 to 265VAC Input.
Operating Temperature	Operating: 41ºF to 113ºF. (5C to 45C). Storage: 32ºF to 140ºF. (0C to 60C).
Operating Humidity	10% to 85% (Non-condensing).
Approvals	CE marked. Complies with part 15 of FCC CFR47. RoHS Compliant.
Product Dimensions	3½" x 17⁵/₁₆" x 17½" (89mm x 440mm x 445mm). 2U 19" racking.
Product Weight	25lbs, 2⅛oz. (11.4kg) including PSU.
Warranty	1 year, plus additional 1 year free when the product is registered.

PART NUMBERING

UPXH/16/12T/HM

Options: H = Hi Definition,
M = Additional Spot Monitor

Storage: 6TB, 12TB, 18TB, 24TB etc.

Encoder Inputs: 8, 16, 32.