

General

Simple, and yet amazingly capable, our cutting edge HDVMU1 SDI (serial digital video) does it all from digital NTSC up to 6G resolution (4K). It's part of our line of high performance digital video routers that provides the systems professional with an uncompromising blend of high performance, small size, and economical reliability.

The unit is specifically designed to select one of multiple UHD-SDI, HD-SDI and SD-SDI digital video sources to a single output. It is available in either 8-In, or 16-In configurations.

Compact and high performance, the HDVMU1 units provide a quality product that is cost effective for smaller installations. Built in the USA, it is loaded with features that are just not found in other video mux products. It boasts advanced features like signal present sensing, 10/100 Ethernet port with full web browser control and monitor (LXI), output reclocking, adaptive input cable equalization, plus a front panel display and illuminated keys.

At the rear are BNC connectors (75 ohm), 10/100 Ethernet port (LXI certified), and DC power input. An international AC voltage range wall mount type power supply is included. Contact the factory for custom or OEM versions.

Applications

- Digital broadcast facilities or production studios
- Flight simulators
- Airborne surveillance systems
- Communication installations
- Imaging and animation production facilities
- Any SMPTE 292M, 424M & ST-208 (6G-SDI) signals
- Security HD video systems
- Factory automation monitoring

Features

- High reliability digital switch core
- Amazing 4K (UHD-SDI) video
- Cable and signal presence detection
- Output reclocking
- Automatic scanning feature included
- SMPTE 292M, 424M & 2081M signals
- Two configurations available, 8-Input or 16-Input
- BNC connectors (75 ohm)
- Advanced "C3" control core
- Small form factor with 1RU height, <1.25 depth
- Ethernet port (10/100) with web browser
- TCP/IP, SNMP v1 v2, IPv4, IPv6 and certified LXI
- International AC power input wall mount supply
- Certified CE EN61010 (LVD)
- RouteWare compatible

4K HDSDI

HD ready
1080p



LXI SNMP IPv6



Configurations

Model	Configuration	Size
HDVMU1-08-6G2	8-In, 1-Out	1RU
HDVMU1-16-6G2	16-In, 1-Out	1RU



Model HDVMU1-08-6G2
8 input, 1 output

Illuminated Intelligent Keys
Keys show status of each port (signal present, and other functions)



Made in the USA

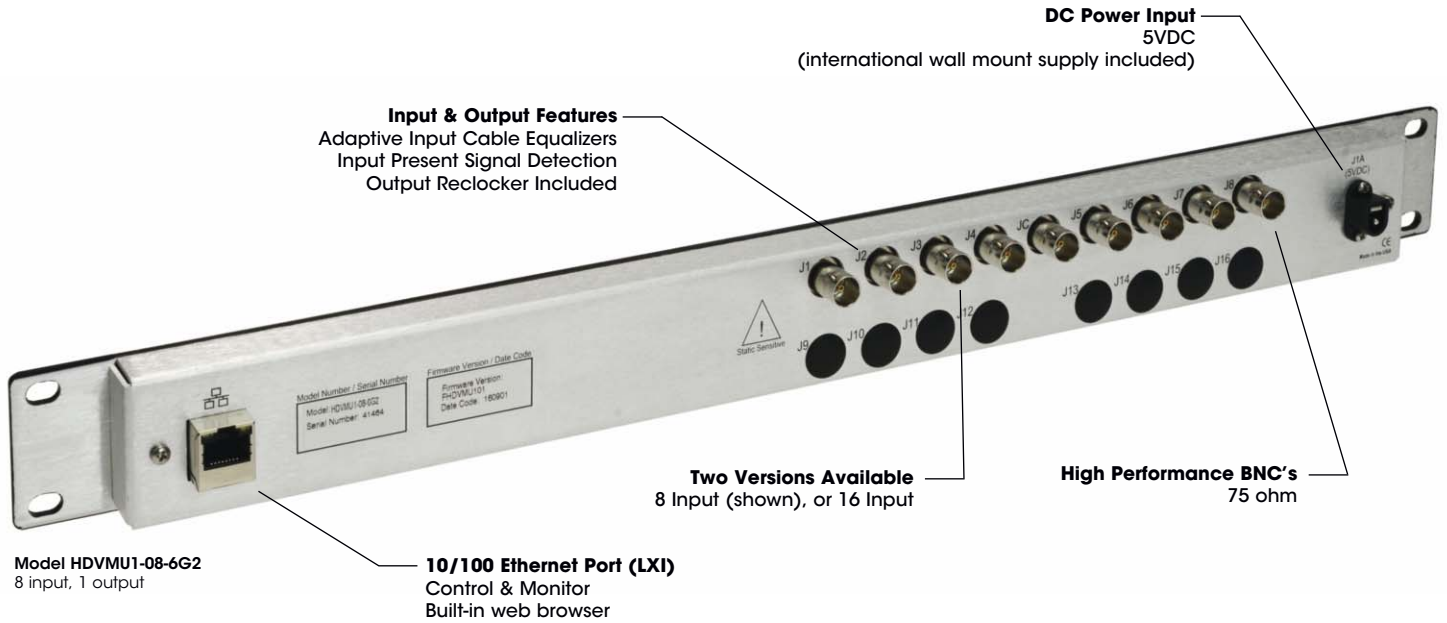


Model HDVMU1-16-6G2
16 input, 1 output

HDVMU1-001

4K HDSDI

**HD
ready
1080p**



Specification

Array sizes16x1 or 8x1
 Switching technologyHigh reliability digital core
 Type of systemNx1
 ArchitectureFixed size array
 Signal connector location ...Rear panel
 Signal typeUHD-SDI (4K), HD-SDI and SD-SDI
 SMPTE 292M, 424M, ST 2081M
 (270Mbps, 1.483Gbps, 1.485Gbps,
 2.967Gbps, 2.97Gbps, 5.94Gbps)
 ReclockingIncluded
 Cable detectionYes
 Signal present detectionYes

Input Characteristics

TypeSingle-ended
 Signal connectorBNC female (75 ohm type)
 Impedance75 ohm
 Cable equalizerAutomatic

Output Characteristics

TypeSingle-ended
 Signal connectorBNC female (75 ohm type)
 Impedance75 ohm

General Specifications

Power supply sectionInternational AC wall mount
 DC power input+5VDC, 4A (wall mount supply included)
 Remote control interface10/100 Ethernet (LXI)
 Web browserYes
 Status LED'sPower front panel, illuminated keys
 Configuration memory100 locations (min), FLASH
 Weight2 lbs
 Size1.75H x 1.25D x 19.00W (1RU)
 Operating temp0 to +60C
 Non-operating temp-20 to +85C
 Humidity0 to 95% (NC @ +25C)
 MTBF>250,000 hours
 CertificationsCE EN61010

Universal Switching's policy is one of continuous development. Consequently, the company reserves the right to vary from the descriptions and specifications shown in this publication.