DIGITAL CONTROL UNIT (DCU)

The Digital Control Unit (DCU) is an audio and video router with additional capabilities. It controls video and audio feeds from different sources to various outputs and is quad-screen capable. The DCU is contained in a single shock-mounted transport case complete with all cables and modules needed to expand the system's capabilities. Components are customized to support specific mission requirements.

KEY FEATURES

- Buffered video outputs and digital transmission of audio signals ensure integrity is maintained
- Automatic video quality adjustment at every connection change or forced adjustment via front panel or Web interface
- Quad, picture-in-picture, full screen, dual, and fade-through-black display modes
- Independent video in to video out resolution
- Supports digital DVI and analog VGA
- 48-port patch panel supports data, video, audio and phone
- Available Telco cable is six (6) times faster than running individual cables
- Capable of being controlled with iPad or personal tablet (wireless network required)
- 3U locking drawer
- Black powder coated finish

VIDEO/AUDIO SWITCH FEATURES

- Audio/Video Matrix Switch routes audio and video inputs from various sources to multiple displays and speakers via inexpensive Cat5/5e/6 cable
- Capable of connecting to as many as 32 video sources via transmitters and out to as many as 16 video displays via receivers with a maximum extension of 600' (182.9 m) between the local and remote units
- Supports resolutions up to 1920 x 1440 pixels
- Matrix Control Software with Graphical User Interface included
- Configure and control via ethernet, serial port or front panel buttons
- Liquid Crystal Display (LCD) for front panel operations
- Digital VU-meter shows audio levels of selected output
- Each output provides one video signal and one stereo audio signal

QUAD SPLITTER FEATURES

- DVI/VGA Quad Screen Multi-viewer/Splitter allows simultaneous display and monitor video signals from four different computers and/or video sources on a single screen
- Supports up to 1600 x 1200 VGA video resolution and 1900 x 1200 DVI video

DCU SPECIFICATIONS

Ordering information

HDT part number	40VDS-DCU	
NSN	5963-01-C16-0724	
GSA		

Dimensions

L x W x H	28.25" x 29" x 26.25"	71.8 x .73.7 x 66.7 cm
Exterior volume	12.4452 ft^3	0.352 m^3

Weight — 103 lbs — 46.7 kg

Video/Audio Switch
VEEMUX® Audio/Video Matrix Switch routes audio and video inputs from various sources to multiple displays and speakers via inexpensive Cat5/5e/6 UTP cable

Video source input
32 video sources via transmitters
16 video displays via receivers
Maximum extension of 600' (182.9 m) between local and remote units

Resolution support
Up to 1920 x 1440

Configure and control
Via ethernet, serial port or front panel buttons
Matrix Control Software with Graphical User Interface (GUI) included

Front panel operations
Liquid Crystal Display (LCD)
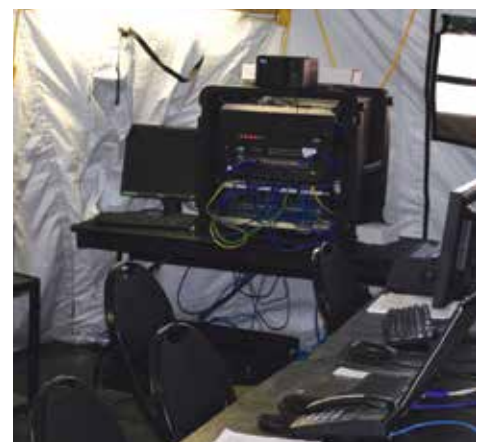Digital VU-meter shows audio levels of selected output
Each output provides one (1) video signal and one (1) stereo audio signal

Quad Splitter
SPLITMUX® DVI/VGA Quad Screen Multi-viewer/Splitter allows simultaneous display and monitor video signals from four (4) different computers and/or video sources on a single screen

Capacity
Can switch one of the four attached computers to a shared keyboard and mouse for operation

Video support
Supports up to 1600 x 1200 VGA video resolution and 1900 x 1200 DVI video