



Uniclass
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DigiMux Analogue and Digital Demultiplexer (with CCTV download facility)

Automatic decoding of analogue and digital CCTV formats CDV030 Series

Features and Benefits

- Automatic decoding of 350 analogue and digital formats
- Unsurpassed image clarity
- Input from (S)VHS tape and digital media
- CD, DVD, MMC, SD, Smart Media, Compact Flash, Memory Stick
- Time/date decoding
- Still image saving to digital media
- “Single click” print functions
- Live zoom (from X1.5 –8) and freeze
- Digital CCTV to DVD-Video conversion
- In-built hard-disc

ClearView Communications have been manufacturing video demultiplexers for over a decade—since their introduction of the world’s first “universal” video demultiplexer in 1996. Our range of video replay equipment includes systems for analogue CCTV video demultiplexing, and digital CCTV decoding, display and copying.

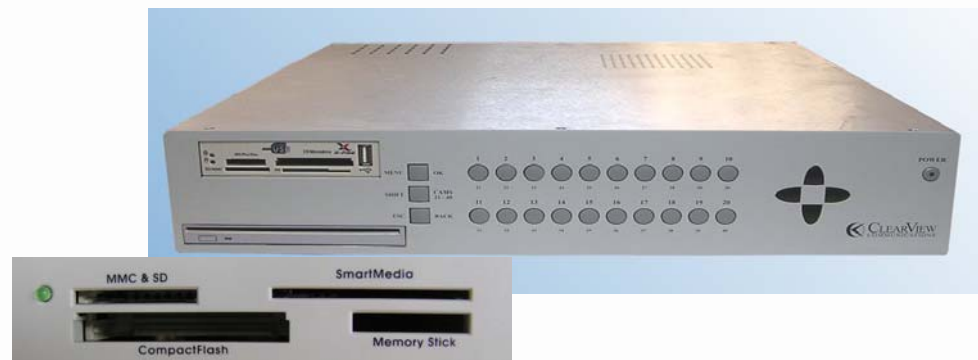
The DigiMux has been developed for non-technical police personnel to view video footage for investigative, evidential and presentation purposes. It is a single unit which can decode both analogue multiplexed and digital CCTV formats (over 350 codecs) automatically.

DigiMux is capable of automatically identifying and decoding all main multiplexer formats from VHS/SVHS including encoded time and date, in seconds. The systems incorporate a host of video processing functions including freeze, live zoom, image enhancement.

DigiMux can handle virtually all video media including CD, DVD, MMC, SD, Smart Media, Compact Flash, Memory Stick plus SVHS and VHS tape via composite and Y/C video inputs.

DigiMux may be used as a simple view and print workstation. However it also allows proprietary digital CCTV video to be converted to .avi or .vob (DVD-Video) format for replay using Windows Media Player or “high street” DVD players.

The system incorporates a host of video processing functions including freeze, live zoom, image save to digital media and enhancement.



CDV 030 Series

Automatic decoding

Analogue and digital CCTV decoding facilities are automatic with manual override options. Methods of decoding include (i) "SMART" detect - the DigiMux automatically identifies the relevant codec and plays the decoded video (ii) Formats - the manufacturer's code is manually selected. (iii) Analogue - the tape is decoded through repetition of a regular pattern. Once decoded, cameras may be displayed in full or matrix screen displays. A zoom function is available for live video and still images.

Download

Images can then be downloaded onto removable digital media in a variety of user selected still image formats or printed (via optional video or digital printer). Video files may be copied onto CD/DVD in proprietary AVI or DVD-Video format.

Control

Analogue functions are controlled from the analogue monitor menu display and accessed via the DigiMux front panel control buttons. Digital replay functions are accessed from the TFT control screen GUI, via keyboard and mouse (supplied), that Microsoft Windows users will be instantly familiar with. The main control screen shows ClearView's proprietary digital video player developed specifically for CCTV video replay. Standard video files may be played instantly with full control over replay speed (x0.1-x10) and frame by frame advance.

Control of Digital CCTV replay and processing is controlled using three levels of encrypted username/password. User control history is recorded on the system's audit log. The system can automatically provide most frequently used system functions and controls on the favourites menu, which may also be amended manually.

Software Upgrades

To ensure that DigiMux is kept up-to-date with new code formats and code upgrades introduced by manufacturers, the system is upgradeable via DVD. This also enables new user functions to be added. Upgrades are provided free of charge during the first twelve months. A service/maintenance contract is available for subsequent years. This extends the first year warranty and includes all new software upgrades.

Technical Specifications

Video Inputs	4 x composite 2 x Y/C	(BNC) (Mini-Din)
Video Outputs	1 x composite 1 x Y/C	(BNC) (Mini-Din)
Video standard	PAL/NTSC	
Audio	3.5 mm jack	
Hard Drive	Internal 450Gb	
PC Screen	1 x VGA	
Keyboard, mouse	USB	
Power	120/240VAC	(EIC)
Media	CD, DVD, MMC, SD, Smart Media, Compact Flash, Memory Stick	
Dimensions	442mm (17.4 inches) Wide 90mm High (3 1/2 inches) High [2U] (Not including feet) 485mm Deep (19.1 inches) Deep [allow 20mm (0.8 inches) for connectors] 19" Rack mount ears (Optional accessory)	