

Matrix Viewer™ [Standalone or with Watchdog Server] END USER SOFTWARE PACKAGE

The Matrix Viewer™ software application provides the ability to monitor and tour various video sources in customizable event-driven video layout configurations. The Matrix Viewer™ application integrates with sensor and alarm functionality provided by external devices, sensors, and access control systems.

Viewing of multiple simultaneous IP-based video streams

- The Matrix Viewer™ software module allows viewing of any combination of multiple IP-based MPEG-2 and/or MPEG-4 video streams.
- The Matrix Viewer™ software application gives real time access to each IP-based video stream with minimal latency.
- Support for any combination of network protocols, including multicast, UDP unicast, TCP, and HHTP.
- Support for any combination of transport protocols, including program stream and transport stream.
- Support for any combination of resolutions, including D1, 2/3 D1, 1/2 D1, SIF, QSIF, VGA, QVGA, QQVGA video streams.
- Support for any combination of MPEG-2/MPEG-4 video streams.

Responds to real-time events when connected to the Watchdog Server

- The Matrix Viewer™ integrates with the Watchdog Server to respond to real-time events by changing views and/or video sources.

View predefined video layouts

- The Matrix Viewer™ software application allows for multiple user defined screen layouts for viewing up to 48 multiple simultaneous video streams.

Multiple monitor support

- The Matrix Viewer™ software application works with video cards that provide multi-monitor support

Stream/Video source touring

- The Matrix Viewer™ software application provides user-defined multiple video source touring.

Scheduler to switch between layout views

- The Matrix Viewer™ software application allows user defined scheduling of multiple predefined

Auto discovery of Core Tec Encoders/Decoders and competitor encoders

- The Matrix Viewer™ software application provides auto-detection of Core Tec IP-based encoders and decoders on your network and across subnets.
- The Matrix Viewer™ software application provides autodetection of competitor encoders on your network using standardized protocols

Recommended Minimum Requirements

- Discovered encoders can be drag/dropped from list of discovered devices to the video windows in each layout view to provide instant viewing of the associated video streams.

Barco Integration

- The Matrix Viewer™ application supports integration with the industry standard Barco Apollo Video Wall system specifically tailored to traffic management, airport security, CCTV and surveillance.
- The Matrix Viewer™ application provides enhanced functionality to the Barco system such as drag / drop support, text overlay control and video source touring not currently supported by the



Main Screen of Matrix Viewer

Recommended Minimum Requirements

- Pentium 4 [(3.0 GHz or higher)]
- Approved DirectX 9 Compatible Video card
- Microsoft Windows XP Prom SP2
- 512 MB RAM
- 100 Mbps Ethernet network interface card
- IGMP.v.2 Ethernet switches