VCD5202 Video Console Display
MULTICHANNEL VIDEO DISPLAY AND USER INTERFACE

Product Features

- Optimized Virtual Matrix User Interface Provides Full Operator Access Through a User-Friendly, Icon-based, Semitransparent Heads-up Menu Display
- Optimized to Work with the KBD5000 Endura® Keyboard
- User Specific Language Preferences
- Decodes up to 32 Streams Across 2 High Definition Monitors
- Support for High Definition Monitors Through DVI Video Outputs
- Multiple VCDs and Network Decoders Can Be Configured in a Monitor Wall and Accessed from a Single Keyboard
- Multiple Screen Configurations Support Simultaneous Live and Playback Views
- Exports Video and Still Images to a User-Supplied USB Memory Device or Internal CD/DVD Recorder in Multiple Formats, Including Pelco Native, QuickTime® MPEG-4, PNG, BMP, and JPG

The VCD5202 video console display (VCD) delivers virtual matrix functionality for surveillance operators. The VCD5202 uniquely addresses the requirements of real-time surveillance installations while balancing the complexity introduced by today’s IP and megapixel cameras. Each VCD5202 decodes up to 32 streams, manages elaborate video walls, and provides for CCTV-style keyboard control and management functionality.

Each VCD5202 is capable of simultaneously decoding sixteen MPEG-4 streams at 4CIF resolution and 30/25 images per second (ips), twelve H.264 baseline streams at 4CIF resolution and 30/25 ips, or two full 1080p streams in real time. When additional streams are displayed, the VCD5202 uses the patent-pending EnduraView™ technology to automatically seek out and display a lower resolution, second stream from the camera. The technology can also reduce the refresh rate to minimize the impact on processing requirements and network overhead.

Standard resolution and megapixel video streams can be displayed in single, 2 x 2, 3 x 3, 4 x 4, 1 + 5, 1 + 12, and 2 + 8 configurations on 4:3 aspect ratio monitors. For 16:9 aspect ratio monitors, 3 x 2 and 4 x 3 configurations are also available. Any combination of live or playback streams can be displayed simultaneously, including both live and playback streams from the same camera.

Each VCD5202 drives two high definition monitors (monitor resolutions up to 2560 x 1600) through DVI-I connections. The VCD5202 can also manage a video wall of monitors attached to network decoders or Microsoft® Windows® workstations.

The VCD5202 incorporates a heads-up display designed to provide efficient control while allowing the operators to remain focused on the video being observed. Working in conjunction with the optional KBD5000, the icon-based menu structure is blended across the primary monitor’s display. Shortcut keys on the KBD5000 allow operators to quickly access critical functionality without having to look away from their monitors.

When exporting video, the VCD5202 provides a built-in DVD burner and the option of exporting video on a user-supplied USB memory key. Audio monitoring is enabled through a built-in speaker in the KBD5000.
MODELS
The following table describes the VCD5202 model numbers. For example, the model number for a unit with a United Kingdom power cord is VCD5202-UK.

Note: Units shipped to China do not include a power cord.

<table>
<thead>
<tr>
<th>Model</th>
<th>Country Code</th>
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<tbody>
<tr>
<td>VCD5202</td>
<td>US = North America, EU = Europe, UK = United Kingdom, CN = China, AU = Australia, AR = Argentina</td>
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SUPPLIED ACCESSORIES
Power Cord 1 power cord (based on country designation) Note: Units shipped to China do not include a power cord.
Rack Mount Kit Brackets, rails, and hardware
Bezel Key 2 bezel keys
DVI to VGA Converters 2 DVI-to-VGA Converters

SYSTEM
Operating System Linux®
User Interface Icon-based, heads-up display

VIDEO
Video Standards XVGA (2560 x 1600); 60 Hz capability for NTSC; 75 Hz capability for PAL
Video Coding MPEG-4, H.264 baseline, main, and high profile
Video Outputs 2 DVI or VGA outputs (2 DVI-to-VGA adapters supplied)

AUDIO
Audio Decoding G.711 speech codec
Audio Bit Rate 64 kbps
Audio Inputs Microphone and line in through KBD5000
Audio Outputs Speaker or line out through KBD5000

PTZ CONTROL
PTZ Interface Through KBD5000

NETWORK
Interface Gigabit Ethernet RJ-45 port (1000Base-T)

CERTIFICATIONS/RATINGS
• CE, Class A, meets EN50130-r standard requirements
• FCC, Class A
• UL/cUL Listed
• C-Tick
• S-Mark for Argentina
• CCC

NOTICE: Judgment as to the suitability of the products for users’ purposes is solely the users’ responsibility. Users should refer to the Operation manuals for cautionary statements regarding user selected options and how they might affect video quality. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.

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