

ENDURA® KBD5000 KEYBOARD

TECHNICAL SPECIFICATIONS

SECURITY SYSTEM

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

LEVEL 1__28 20 00 ELECTRONIC SURVEILLANCE

LEVEL 2__28 23 00 VIDEO SURVEILLANCE

LEVEL 3__28 23 13 VIDEO SURVEILLANCE REMOTE DEVICES AND SENSORS

PART 2 – PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada), 24-hour technical assistance program (TAP) from the manufacturer. The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.
- D. All systems and components shall be provided with a one-day turnaround repair express and 24-hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and nonwarranty items.

2.02 KEYBOARD

- A. The keyboard shall be compatible with all Endura® Series distributed, network-based video products including Endura DVRs. One keyboard can control all system cameras through a video console display or DVR display.
- B. The keyboard controls are located on three modules in the keyboard. Modules shall be capable of rotating to suit user preferences. The keyboard modules shall include a variable speed, vector-solving joystick for precise pan/tilt/zoom (PTZ) control, jog/shuttle for playback control and pattern control, a keypad for camera and monitor control, and a built-in speaker. The keyboard shall have LED buttons that work in conjunction with the feature being used.
- C. The keyboard shall be part of an integrated system and shall be configured so any number of keyboards can be added to the system. When combined with user interfaces (UIs), network video recorders (NVRs), encoders, digital video recorders (DVRs), and video consoles, the keyboard forms an integral part of a complete network-based video control system.
- D. The keyboard shall meet or exceed the following design and performance specifications.

2.03 POWER SUPPLY SPECIFICATIONS

A. Input Voltage	100-240 VAC, 50/60 Hz
B. Output Voltage	12 VDC
C. Power Output	20 W
D. Input Connector Type	Universal, interchangeable
E. Output Connector Type	2.5 mm screw-on barrel

2.04 KEYBOARD BASE SPECIFICATIONS

A. Keyboard Interface	USB 2.0
B. Cable	USB, captive, 16.4 ft (5.0 m)
C. Input Voltage	12 VDC
D. Input Current	1.3 A (maximum)
E. Upstream Port	USB 2.0 (USB type B connector)
F. Downstream Port	2x USB 2.0 hi/full/low speed (USB type A connector)
G. Audio Output	Embedded speaker or plug-in headset, 0.5 W into 8-ohm load per channel
H. Audio Input	Plug-in microphone, mono (30 to 350 mVp-p); or line input, stereo (0.35 to 2.0 Vp-p)

2.05 KEYBOARD MODULE SPECIFICATIONS

A. Keyboard Keypad	0 to 9 keys, camera, monitor, and multiple view keys
B. Joystick	Fully proportional pan/tilt, variable speed; with zoom, iris, and focus controls
C. Jog/Shuttle	Proportional, fast forward, reverse, and video transport; menu navigation on VCD5000 video console display
D. Module Connectors	3 (1 for each module), USB 1.1 mini-USB

2.06 PHYSICAL SPECIFICATIONS

A. Dimensions	7.86" D x 14.76" W x 4.6" H (19.96 x 37.54 x 11.68 cm)
B. Unit Weight	2.68 lb (1.22 kg)

2.07 ENVIRONMENTAL SPECIFICATIONS

A. Ambient Temperature	70° to 74°F (21° to 23°C)
B. Operating Temperature	32° to 104°F (0° to 40°C)
C. Operating Humidity	Up to 96%

2.08 CERTIFICATIONS

- A. CE, Class B
- B. FCC, Class B
- C. UL Listed/cUL Listed
- E. C-Tick
- F. GOST

2.09 WARRANTY

- A. 3 years, parts and labor

2.10 PELCO MODEL NUMBER

- A. KBD5000

Desktop keyboard with control modules for full switching and programming capabilities, plus joystick control of PTZ functions, and jog/shuttle playback control

(Revised January 9, 2008)