KBD960 and KBR960 Series Keyboards

FULL FUNCTION, VARIABLE-SPEED, PTZ CONTROL

Product Features

- Keyboard to Control CM6800 Matrix Switchers
- Full Function Keyboard Uses Pelco's M Protocol
- Variable-Speed, Vector-Solving Joystick for PTZ and Dome Control
- Joystick Zoom Control Knob
- 24 Programmable Soft Keys, Six Control Keys, and Three Lens Control Keys
- LCD Display Provides Four Lines of Keyboard Information and Options
- Preset Position and Pattern Control
- Auxiliary Operation
- Download Function Key Configurations to and from Other KBD960 Keyboards
- Available as a Desktop (KBD960) Model and a Rack-Mount (KBR960) Model

KBD960

KBR960

The **KBD960/KBR960** keyboards provide system users with the maximum degree of flexibility in controlling camera call-up and pan/tilt or dome operation. Twenty-four programmable soft keys may be individually labeled with installation-specific titles. This allows logical camera selection based on the camera's field of view rather than camera numbers.

The **KBD960/KBR960** includes a variable speed, vector-solving joystick with zoom control knob for pan/tilt/zoom and dome control. All additional lens control functions are positioned next to the joystick for one-handed operation. LCD display keys give system operators fingertip control of powerful programming and operational features. These keys access multiple menus of logically displayed icons for simplistic operation. All programmable soft keys illuminate when auxiliaries are activated.

The keyboard utilizes an adjustable backlit LCD screen to provide the greatest amount of flexibility in a variety of lighting conditions. Also, an adjustable audible beeper is provided to alert operators of all alarm conditions. From the keyboard, the user can control auxiliary relay activated devices, receivers, camera/monitor switching, and multiplexer screen functions, and create single/dual patterns, zones, zone labels, presets and preset recalls.

MODELS

KBD960	Full-function desktop variable-speed keyboard, white finish; 100-240 VAC, 50/60 Hz.
KBR960	Full-function 19-inch EIA rack mount keyboard (4 RUs), black finish; 100-240 VAC, 50/60 Hz.

A suffix of -US, -UK, -AU, or -EU, designating a region-specific power cord, is added to the above model numbers when ordering. For example, a KBD960-US is a desktop keyboard with a power cord for use in the United States.

FUNCTIONAL

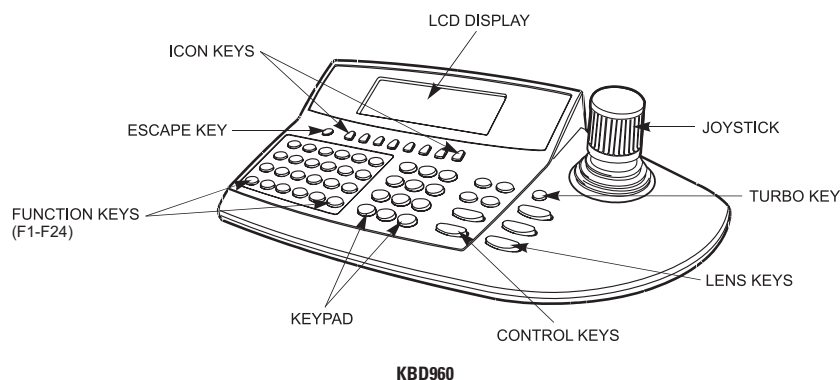|	
Joystick	Vector-solving, variable-speed with zoom
Display	LCD, backlit icon and alphanumeric
Display Keys	Eight multi-function keys to access programming icons and menus
Definable Keys	Twenty-four programmable "soft" keys
Numeric Keys	Numeric keys (0-9) plus (Cam) and (Mon)
Specialty Keys	
(T) "Turbo"	Activates high speed mode of camera positioning systems.
(Bwd/Fwd)	Initiates backward or forward camera sequencing of next/last camera
(Run/Mac)	Initiates sequencing/calls pre-programmed macros
(Rcl/Alt)	Recalls previously selected cameras/calls next camera in group
(Prst/Lock)	Calls preset position scene/locks currently displayed camera to monitor

ELECTRICAL

Input Voltage	100-240 VAC, 50/60 Hz
Power Consumption	10 W
Communication	RS-485
Operating Distance	4,000 feet (1,219 m) on 24 AWG wire
Keyboard Connectors	Two 8-pin RJ-45 connectors (female) (RS-485 serial ports)
	One 4-pin RJ-45 connector (female) (RS-232 serial port)
	Two 6-pin RJ-45 connectors (female)
Keyboard Communication	
Interface	RS-485
Baud	19200
Communication Parameters	8 data bits, no parity, 1 stop bit

GENERAL

Ambient Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	
KBD960	7.80" D x 15.53" W x 3.30" H (19.81 x 39.45 x 8.38 cm)
KBR960	1.75" D x 19.00" W x 7.00" H (4.45 x 48.26 x 17.78 cm) Fits 19-inch EIA-standard rack (4 RUs)
Unit Weight	
KBD960	4.59 lb (2.08 kg)
KBR960	6.40 lb (2.90 kg)
Shipping Weight	
KBD960	9 lb (4.1 kg)
KBR960	11 lb (4.9 kg)

CERTIFICATIONS/RATINGS/PATENTS

- CE, Class B
- UL/cUL Listed
- FCC, Class B
- U.S. Patent D-464,654

KBD960