

# ULTRAKEY

**FULLY PROGRAMMABLE KEYBOARD CONTROLLER WITH TOUCH SCREEN LCD**



The ULTRAKey represents an entirely new approach to intelligent, user-friendly control of CCTV Management Systems.

Designed to take full advantage of the powerful features of ULTRAK's MAX-1000 Video Management System, the ULTRAKey incorporates a large touch screen LCD. The LCD may be configured with hundreds of menus, up to 8,000 buttons and 999 key-codes. Menus are accessed dynamically based on either hard key or soft key selection. This unique method of operation ensures that any menu may be accessed quickly and intuitively, with minimal keystrokes. The result is unparalleled control and ease-of-use for operators. Thus, significantly reducing training requirements, and vastly improving operator efficiency and response times. Selection and control of any function within the CCTV Management System is available directly from the ULTRAKey controller.

Dedicated hard keys are provided for common selections including: Alternate camera selection; PTZ Call; Sequence selection; Tours; Multiplexer selection and control; Recorder selection; Function; Review; Print; Dub; Alarm Acknowledge and VCR control functions. Selecting any of these keys will execute a function or dynamically select a menu on the LCD touch screen.

Two jog / shuttle controls are provided. The uppermost jog shuttle may be used for control of recording devices or other peripheral equipment, while the centrally mounted jog shuttle may be used for stepping through camera lists.

The rate proportional joystick allows control of any variable speed pan/tilt/zoom mechanism. The joystick is centrally located on the keyboard, suiting right or left handed operators and incorporates integral zoom controller.

The ULTRAKey also incorporates a soft, rubber wrist rest that significantly reduces operator fatigue.

- Fully programmable with customized menus
- Integral LCD touch screen
- Complete MAX-1000 compatibility
- Ergonomic design with padded wrist rest
- Variable speed joystick with integral zoom control
- Two jog / shuttle controls
- Dedicated keys for commonly used functions
- Dynamic menu selection
- All programming stored in flash RAM
- Software upload / download



# ULTRAKEY

## Technical Specifications

### ELECTRICAL

Input Voltage:	10-16 VDC
Power:	10 Watts
Control:	<ul style="list-style-type: none"><li>• Elastomeric push-button switches</li><li>• 320x240 graphics LCD with touch screen</li><li>• Proportional 3-axis joystick</li><li>• 2- Jog/Shuttle switches</li><li>• Back lit buttons, jog shuttles and LCD</li></ul>
Pan/Tilt Functions:	Rate proportional pan left, pan right, tilt up, tilt down
Lens Functions:	Zoom in, zoom out, focus near, focus far, iris open, and iris close
Control Ports:	COM1 – RJ-12 connector (RS-485 only) COM2 – RJ-12 connector (RS-485) or RJ-12 connector (RS-232) COM3 – DB-9 connector (RS-232 only)
Keyboard Port:	6-pin mini-DIN for QWERTY keyboard
Communication Speeds:	9600 to 38.4K baud
Control Output Modes:	RS-232 or RS-485
Operating Distances:	4000' (1219 meters) maximum w/ RS-485 and 32 devices 50' (12.7 meters) maximum w/ RS-232

### MECHANICAL

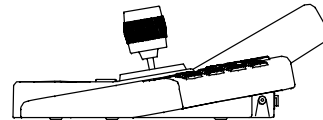
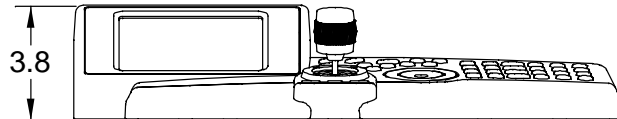
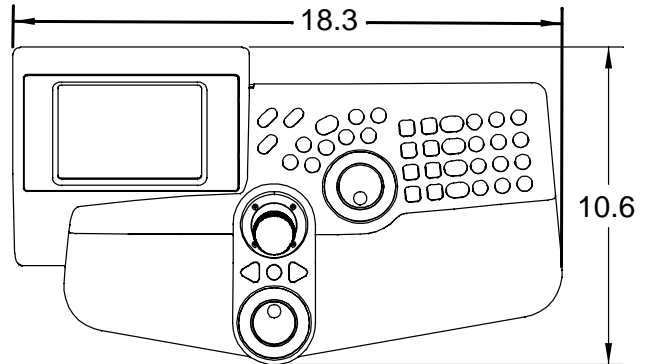
Construction:	High impact ABS
Finish:	Light Gray
Dimensions:	18.25W x 3.9H x 10.5D in. (464W x 99H x 267D mm)
Weight:	4 lbs. (1.81 kg)

### GENERAL

Ambient Temperature:	32°F - 122°F (0°C - 50°C)
Ambient Humidity:	0% - 95% (non-condensing)
Ergonomic wrist rest	

### ACCESSORIES

Included:	<ul style="list-style-type: none"><li>• 12 VDC 1.2 amp power supply</li><li>• 2 – Coiled communication cables</li><li>• Modular communications jack</li><li>• Serial communications cable</li><li>• Firmware/User settings upload/download PC software</li><li>• User's manual</li></ul>
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*Design and specifications subject to change without notice.*

Conversion: 1" = 25.4mm  
Measurement conversions are approximate

#### Ultrak Worldwide Support Center:

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