

DVTEL'S CCTV KEYBOARD FOR LATITUDE NVMS SYSTEM

DVTEL's advanced CCTV Keyboard is the first CCTV keyboard specifically designed to provide full control of the Latitude Network Video Management System (NVMS) software. The CCTV Keyboard can be attached to the client computer running the ControlCenter application or can be connected to any available serial port, RS-232 or RS-485, The can also be attached to a DVTEL Encoder or Decoder for field deployment with no additional requirement to install a PC.

The CCTV Keyboard was designed and built with the traditional, rugged look and feel of a CCTV matrix or multiplexer controller, but this is where the similarity ends. This Keyboard bridges the gap between the traditional CCTV controls and Enterprise-class Media Management Systems such as the Latitude NVMS.

When connected to a DVTEL Decoder, the Keyboard becomes a fully operational control-center. The Decoder provides the ability to view digital video on a traditional analog CCTV monitor, while the Keyboard possesses all the features for camera placement and PTZ controls. In addition to the basic operations of a matrix switcher, the Keyboard permits an authorized user to access the instant replay function.

The Keyboard provides all of the traditional CCTV features as well as advanced Latitude NVMS capabilities. It is also enabled with Adaptive Visualization Technology (AVT) which provides direct access for SceneTracker controls using intuitive keyboard commands.

The Digital Virtual Matrix Switch is fully controlled by DVTEL's CCTV Keyboard with complete PTZ/dome and fixed camera digital zoom controls. The Keyboard provides control over analog and PC monitors running the ControlCenter application with multi-tile format controls and has , the ability to turn on and off on-screen trees, toolbars, and control panels.

The Keyboard replaces many of the mouse-click and PC keyboard functions from the Latitude NVMS Graphical User Interface (GUI) with easy to use keyboard controls. This permits access to the high-end Latitude NVMS system features by including audio push-to-talk and listen, macros controls, layout and tile changes, instant playback controls over analog or PC monitors, instant bookmarking of any video of interest, and Digital Zoom of fixed cameras. SceneTracker scenes can always be readily called to the monitor display from the DVTEL keyboard.



- Full travel, tactile-feel, control keys
- Large back-lit LCD display
- Variable-speed, twist-to-zoom joystick for pan/tilt/zoom control
- Stylish and rugged design
- RS-232 or RS-485 connection from any client PC or Encoder/Decoder
- Camera, monitor/tile selection
- Clear content from any tile or analog monitor
- Call up to 9999 SceneTracker Scenes and Latitude NVMS macros
- Trigger up to 9999 alarms, one (1) special alarm
- Latitude NetTalk Audio controls including push-to-talk (PTT) and listen controls
- Instant bookmark of any selected video
- Screen display mode controls (2x2, 3x3, 4x4, full)
- Monitor display controls to turn on/off toolbars and trees
- Preset, pattern, home and auxiliary controls
- Camera lens control keys
- Virtual Matrix sequence controls
- Latitude NVMS alarms acknowledgment
- Instant replay control on analog and PC monitors
- Latitude NVMS digital zoom controls
- Built-in self test and calibration functions
- Upgradeable Flash firmware

DVTEL'S CCTV KEYBOARD TECHNICAL SPECIFICATIONS

Specifications

Interface	
Connectors	RJ45
Protocol	RS-232 / RS-485
Cable	Integrated Cable with DB-9 for (RS232 PC Connector) 2 wire leads for RS485 (Encoder/Decoder), 12 VDC Input and RJ45 for Keyboard connection
Display	2-Line, character back lit LCD green
Controls	
Keys	40 Tactile full travel keys
Joystick	Three axis joystick for Pan, Tilt, Zoom (PTZ) and instant replay control
Electrical	
Supply Voltage:	120/230 VAC 50/60
Consumption	5W nominal
Mechanical	
Enclosure	Molded Plastic case
Size	4.52L x 5.6W x 1.25H in (115L x 142W x 32H mm)
Color	Black
Unit Weight	3.8 lbs
Unit Shipping Weight	6 lbs
Environmental	
Operating Temperature	32°F to 122°F (0°C to 50°)
Humidity	95% non considering at 122°F (50°)
Management	
Compatibility	Latitude NVMS 3.5, build 21 SR1 and later
Firmware Upgrade	Flash memory for upgrade of Keyboard via RS-232
Regulatory	
USA	FCC Part 15 (subpart B, Class A), ICES-003/NMB-003
Europe	CE marked, EN 55022:1998 Class A, EN 55024

Latitude NVMS Software Options

Latitude Software packages	
Latitude Classic	LAT35-C-DMC
Latitude Elite	LAT35-EL-DMC
Latitude Viewer	LAT35-VE-DMC

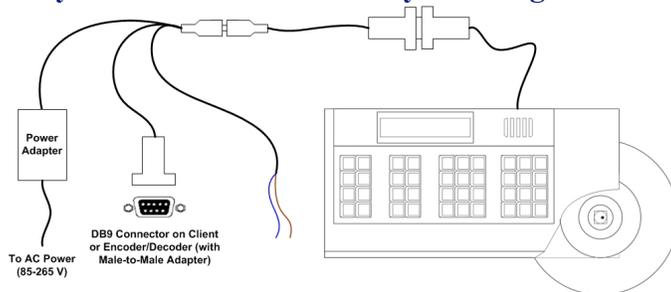


System Components

Part Numbers	
DVT-KBD	DVTEL CCTV Keyboard, including one (1) Latitude keyboard connection license
Latitude Classic	
Virtual Matrix Support for CCTV Keyboard connection including 1 st keyboard license	LAT35-C-KBD-01
One (1) additional Keyboard connection license	LAT35-C-KBD-02
Latitude Elite	
One (1) additional CCTV Keyboard connection license*	LAT35-EL-KBD

* Latitude Elite base keyboard software is included with the Latitude Elite DMC base software package

Keyboard to PC Connectivity Drawing



Keyboard to Encoder/Decoder Connectivity Drawing

