



DESCRIPTION

This microprocessor controlled keyboard allows the control of SM82A, SM164B and SM328B matrix.

The operator can set up the SM82A, SM164B and SM328B matrix and can control their functions.

A LCD display assists the operator during all the control functions.

Furthermore, the DCJ allows you to control up to 999 telemetry receivers, the preset and patrol functions together with the DTRX3 receiver. The three axis joystick allows a simple manual control and gives the ability to drive variable speed Pan & Tilt, and further to the most common high speed domes and can be used also for the menu set-up.

Three serial RS485 communication lines are available: one for a video matrix and multiplexer and two used for the management of independent telemetry lines.

A RS232 serial connection allows the firmware update from a PC.

MAIN FEATURES

Three axis proportional joystick

Control of all Videotec matrix

Communications:

- RS-485 serial communication with video matrix and multiplexer
- 2 RS-485 independent telemetry lines
- RS-232 serial communication connection with PC for firmware update

Direct control or through Videotec matrix series SM of third parties products

Up to 9999 video channels, 999 telemetry receivers on each telemetry line and 99 monitors

More than 40 protocols supported

TECHNICAL DATA

GENERAL

Joystick for Pan/Tilt/Zoom and menus control
Display back-lit
Ergonomic keys configuration
Menu in 4 languages (Italian, English, French, German)
Three password levels: Connection, set-up, alarm reset
Macro-functions keys (max. 10): Monitor selection, camera selection, selection of receiver associated to the camera, previously stored P&T scan position
9999 cameras, 999 telemetry receivers, 99 monitors
Alarm and/or breaks communication buzzer
Various accessory functions like keys enabling/disabling, energy saving, error alert, etc.
Equipped with wide range power supply, 3 power cables, 6 RJ11 telephone cables, 6 RJ11 jack junction boxes

MECHANICAL

Thermo-resistant and shock proof ABS material
Dimensions: 298x107x210mm (11.7x4.2x8.2in)
3 axis proportional joystick, with calibration and test features
Display 4 lines of 20 characters
3 connectors RJ11
Power supply jack connector
DB9 connector for firmware update
Configuration dip-switch
Unit weight: 1.1kg (2.2lb)

ELECTRICAL

Power supply:
• IN from 100Vac up to 240Vac, 50/60Hz - OUT 12Vdc, 1.25A

SERIAL COMMUNICATIONS

3 RS485 lines for communication
1 direct line with matrix and multiplexer to a max. 1200m (3937ft)
2 lines for 2 independent telemetry daisy chains, up 999 telemetry receivers to a max. 1200m (3937ft)
Serial connection RS232 to PC for firmware update, controllable to a maximum distance 15m (49ft)
Protocols (Video Line):
• VIDEOTEC (1200, 9600, 19200, 38400 baud)
• VIDEOTEC MACRO (1200, 9600, 19200, 38400 baud)
Protocols (Telemetry Line):
• PELCO D (2400, 4800, 9600, 19200 baud)
• VIDEOTEC (1200, 9600 baud)
• VIDEOTEC MACRO (1200, 9600, 19200, 38400 baud)

I/O INTERFACE

Multiplexer

ADEMCO, HITRON, SANYO, SONY

Dvr

EL.MO., EVERFOCUS, SONY

Dome

AMERICAN DYNAMICS, BOSCH, ELBEX, ELMO, ERNITEC, HITRON, JVC, KALATEL, PANASONIC, PELCO, SAMSUNG, SANTEC, STAR, VCL

Telemetry

ENEO

ADEMCO, AMERICAN DYNAMICS, BOSCH, ELBEX, ELMO, ENEO, ERNITEC, EVERFOCUS, HITRON, JAVELIN, JVC, KALATEL, PANASONIC, PELCO, SAMSUNG, SANTEC, SANYO, SONY, STAR, VCL are registered trademarks

The product may be interfaced with devices not manufactured by VIDEOTEC. It is possible that the interface protocols have changed or are in a different configuration from earlier tested units by VIDEOTEC. VIDEOTEC recommends a test prior to installation. VIDEOTEC will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

ENVIRONMENT

For installation indoors

Operating temperature: from 0°C (32°F) up to +40° (104°F)

CERTIFICATIONS

Electrical safety (CE): EN60950-1

Electromagnetic compatibility (CE): EN50130-4, EN55022 (Class B), EN61000-6-3, FCC Part 15 (Class B)

EAC certification

RELATED PRODUCTS

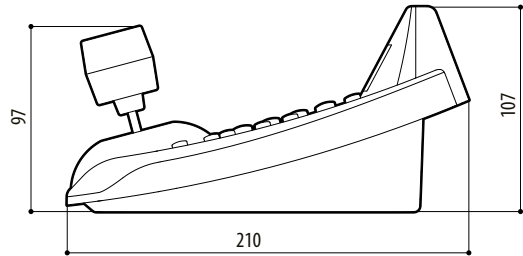
SM82A	Video matrix 8 inputs and 2 outputs
SM164B	Video matrix 16 inputs and 4 outputs
SM328B	Matrix 32 inputs and 8 outputs
DTMRX224	Telemetry receiver 12 functions, 24Vac
DTMRX2	Telemetry receiver 12 functions, 230Vac
DTRX324	Telemetry receiver 17 functions, 24Vac
DTRX3	Telemetry receiver 17 functions, 230Vac
DTCOAX	Over the coax board (only thru SM series matrix)
ULISSE	Integrated positioning unit

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
DCJ	3.1kg (6.6lb)	42.5x17.5x26cm (17x7x10in)	4

TECHNICAL DRAWINGS

The dimensions of the drawings are in millimetres.



DCJ

