

MAIN FEATURES

- Microprocessor controlled
- LCD display back-lit
- 3 RS485 communication channels
- Telemetry controlled by joystick
- Ergonomic design
- Direct control of many Speed Domes

DESCRIPTION

The DCJ, microprocessor controlled, allows you to interface and control SM42B-SM82B, SM84B-SM164B and SM328B matrix.

The operator can set up the SM42B-SM82B, SM84B-SM164B and SM328B matrix and can control their functions through the On Screen Display.

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

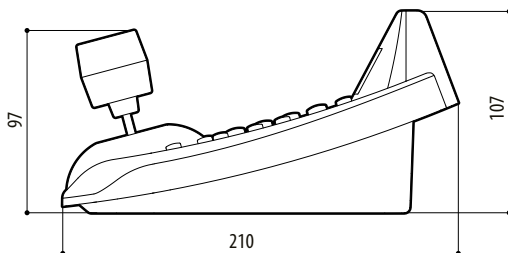
Furthermore, the DCJ allows you to control up to 999 telemetry receivers, the preset and patrol functions together with the DTRX3 or DTRXDC receivers. The three axis joystick allows a simple manual control and gives the ability to drive variable speed Pan & Tilt, and further to the most common high speed 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.

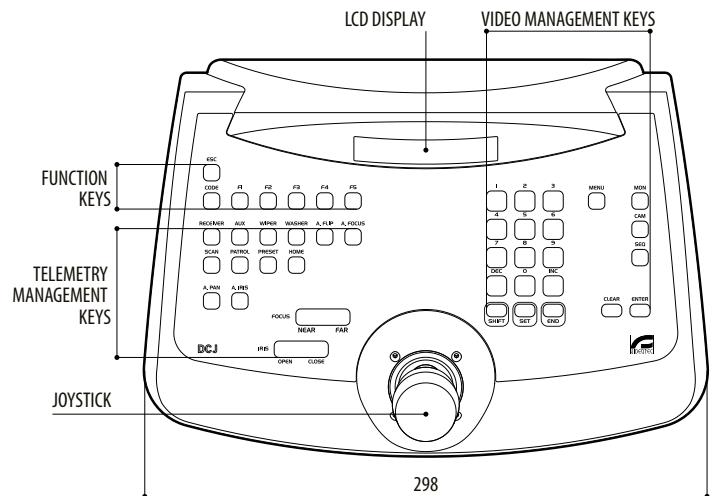
A RS232 serial connection allows the firmware update from a PC.



DCJ



DCJ



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TECHNICAL DATA

GENERAL

Joystick for Pan/Tilt/Zoom control and moving the cursor within the menus

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 break communication buzzer

Various accessory functions like keys enabling/disabling, energy saving, error alert, etc.

Supplied with instruction manual, wide range power supply, 3 power cables, 6 RJ11 telephone cables, 6 jack shunt boxes RJ11

MECHANICAL

Thermo resistant and shock proof ABS material

Rubber keys

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

ELECTRICAL

Power supply

- IN 100-240Vac - OUT 12Vdc, 47/63Hz, 1A

PROTOCOLS

Video Line

- VIDEOTEC (1200, 9600, 19200, 38400 baudrate)
- MACRO (1200, 9600, 19200, 38400 baudrate)

Telemetry Line

- VIDEOTEC (1200, 9600 baudrate)
- MACRO (1200, 9600, 19200, 38400 baudrate)
- PELCO D (2400, 4800, 9600, 19200 baudrate)

COMMUNICATIONS

Three RS485 serial lines for communication:

- one direct line with matrix and multiplexer to a maximum of 1200m (3937ft)
- two lines for two independent telemetry daisy chains, up 999 telemetry receivers to a maximum of 1200m (3937ft)

Serial connection RS232 to PC for firmware update, controllable to a maximum distance 15m (49ft)

INTERFACE WITH OTHER PRODUCTS

MULTIPLEXERS

ADEMCO, HITRON, SANYO, SONY

DVR

EL.MO., EVERFOCUS, SONY

DOMES

AMERICAN DYNAMICS, BOSCH, ELBEX, EL.MO., 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

Because DCJ may be interfaced with equipment not manufactured by VIDEOTEC, it is possible that the interface protocols have changed or are in a different configuration from units previously tested by us. Because VIDEOTEC recommends a bench 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

Indoor

Operating temperature: 0°C / +40°C (+32°F / +104°F)

CERTIFICATIONS

CE EN61000-6-3, EN60950-1, EN55022 Class B, EN50130-4

FCC Part. 15 Class B

RELATED PRODUCTS

SM42B-SM82B Matrix 4/8 inputs and 2 outputs

SM84B-SM164B Matrix 8/16 inputs and 4 outputs

SM328B Matrix 32 inputs and 8 outputs

MICRODEC485 Mini telemetry receiver 8 functions, 24Vac

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 for DTRX3 only trough matrix series SM

DTRXDC Telemetry receiver 13 functions, for PTH355P

ULISSE Positioning Unit

Retrofit on discontinued products: contact VIDEOTEC for further specifications.

PACKAGE

Code	Unit weight		Package weight		Package dimensions (WxHxL)		Master carton unit
	kg	lb	kg	lb	cm	in	
DCJ	1.1	2.4	3.1	6.8	42.3x17.2x26.2	16.6x6.7x10.3	4