DCJ
VIDEO AND TELEMETRY CONTROL KEYBOARD

MAIN FEATURES

Three axis proportional joystick

Control of all Videotec matrix

Communications:

- RS485 serial communication with video matrix and multiplexer
- 2 RS485 independent telemetry lines
- RS232 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

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 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

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

PROTOCOLS

Video Line
- VIDEOTEC (1200, 9600, 19200, 38400 baud)
- VIDEOTEC MACRO (1200, 9600, 19200, 38400 baud)

Telemetry Line
- PELCO D (2400, 4800, 9600, 19200 baud)
- VIDEOTEC (1200, 9600 baud)
- VIDEOTEC MACRO (1200, 9600, 19200, 38400 baud)

COMMUNICATIONS
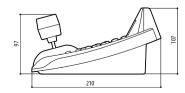
3 RS485 lines for communication

1 direct line with matrix and multiplexer to a max. 1200m (3937ft)

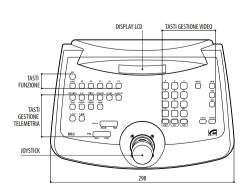2 lines for 2 independent telemetry daisy chains, up 999 telemetry receivers to a max. 1200m (3937ft)

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

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

Indoor

Operating temperature: 0°C / +40°C (+32°F / +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 for PTH311 + preset
DTRX3	Telemetry receiver 17 functions for series PTH300 + preset
DTCOAX	Over the coax board (only thru SM series matrix)
DTRXDC	Telemetry data receiver, 13 functions
ULISSE	Integrated positioning unit

PACKAGE

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

TECHNICAL DRAWINGS

Sizes in millimeters.