DCJ VIDEO AND TELEMETRY CONTROL KEYBOARD

Telemetry receiver

Speed dome

max 16 cameras

SP16C

SM164A

max 4 keyboards

DCJ   DCJ

— Twisted pair RS485
  (max distance 1200 m)

- - - Twisted pair RS485
  (max distance 1200 m) only telemetry

— Video-coax only

- - - Video and telemetry coax
  (max distance from matrix 350 m)

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

The DCJ represents the top as far as performance and ergonomic design.

The DCJ, microprocessor controlled, allows you to interface and control SM42A-82A, SM84A-164A and SM328A matrix, and the multiplexer SP16C.
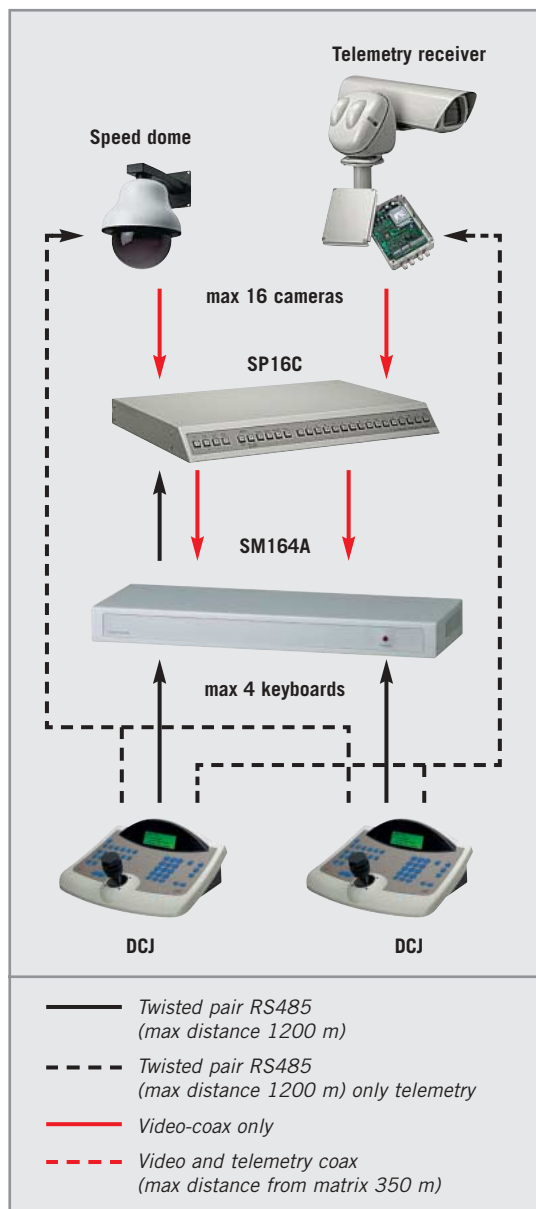
The operator can set up, through the video menu, the SM42A-82A, SM84A-164A and SM328A matrix and it is possible to control their functions.

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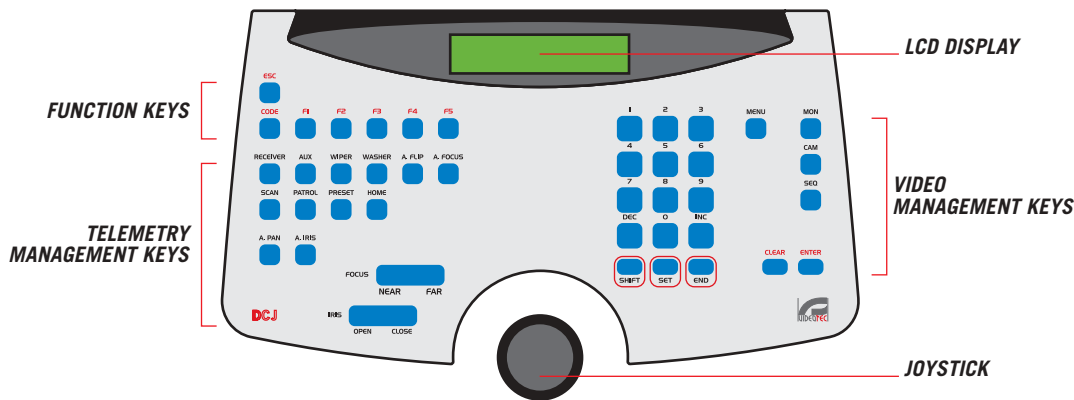
Three serial RS485 communication lines are available: one for a video matrix and multiplexer and two used for the management of independent telemetry lines.

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

10 KEYBOARDS

MODELS

DCJ	Matrix, telemetry and multiplexer control keyboard

FUNCTION KEYS

TELEMETRY MANAGEMENT KEYS

LCD DISPLAY

VIDEO MANAGEMENT KEYS

JOYSTICK

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 and 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-ins 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 telephone cables, 6 jack shunt boxes RJ jack

MECHANICAL
- Thermo resistant and shock proof ABS material
- Rubber keys
- Dimensions: 298x107x210 mm (11.7x4.2x8.2 in)
- 3 axis proportional joystick, with calibration and test
- Display: 20x4
- 3 connectors RJ11
- Power supply jack connector
- DB9 connector for firmware update
- Configuration Dip-Switch

ELECTRICAL
- Keyboard power: 12VDC
- Power supply kit:
  IN: 100-240VAC, 47/63Hz, 15W - OUT: 12VDC, 1A

COMMUNICATIONS
- Three RS485 serial lines for communication:
  - one direct line with matrix and multiplexer which can be controlled to a maximum of 1200 m (3900 ft);
  - two lines for two independent telemetry daisy chains, up 999 telemetry receivers which can be controlled to a maximum of 1200 m (3900 ft)
- Serial connection RS232 to PC for firmware update, controllable to a maximum distance 15 m (49 ft)

RELATED PRODUCTS
Matrix:
  Series SM (SM42A-82A, SM84A-164A, SM328A)

Multiplexer:
  SP16C

Telemetry receivers:
  DTRXDC, DTRX3, DTMRX2, MICRODEC485
  on dedicated telemetry lines;
  DTRX3+DTCOAX, DTMRX2 control through matrix SM series (SM42A-82A, SM84A-164A, SM328A)

Retrofit on discontinued products: contact Videotec for further specifications.

INTERFACE WITH OTHER PRODUCTS
- Direct control or control through Matrix Series SM of multiplexer Javelin colour or B/W
- Direct control of multiplexers: Sony YS-DX516P, Sanyo MPX-CD93P and MPX-CD163P, Ademco AXMD16EX, AXCD16E and AXCD16EX
- Direct control of Sony DVR HSR-X209P and HSR-X216P
- Speed Dome control:
  Dome Elbex EX/EXC8000 (Instant Dome)
  Dome Elmo D7720B
  Dome Ernitec Saturn
  Dome Hitron Fastrax II HID2404SM11P
  Dome JVC TK-C675, TK-C676
  Dome Panasonic WV-CS600 and Panasonic WV-CS850
  Dome Pelco "D" DOME SPECTRA II 3.31
  Dome Samsung SCC641P and SCC643P
  Dome Santec VDC300ID
  Dome Sensormatic DeltaDome II
  Dome Star SMD
  Dome VCL VC5S-ORBM
  Eneo VPT-42/RS1

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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: 0-40°C (32-104°F)

COMPLIANCE TO
- CE according to EN 61000-6-3, EN 60950, EN 55022 Class B, EN 50130-4
- FCC according to Part. 15 Class B

	Unit Weight (kg / lb):	Package Weight (kg / lb):	Package Dimensions (cm / in):	Master Carton (units):
	DCJ: 1,7 / 3.7	**DCJ**: 2,2 / 4.8	**DCJ**: 24x14,5x41 / 9.4x5.7x16	**DCJ**: