



# DCJ VIDEO AND TELEMETRY CONTROL KEYOARD



Microprocessor controlled  
 LCD Display back-lit  
 RS485 Communication  
 Telemetry controlled by joystick  
 Ergonomic design

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

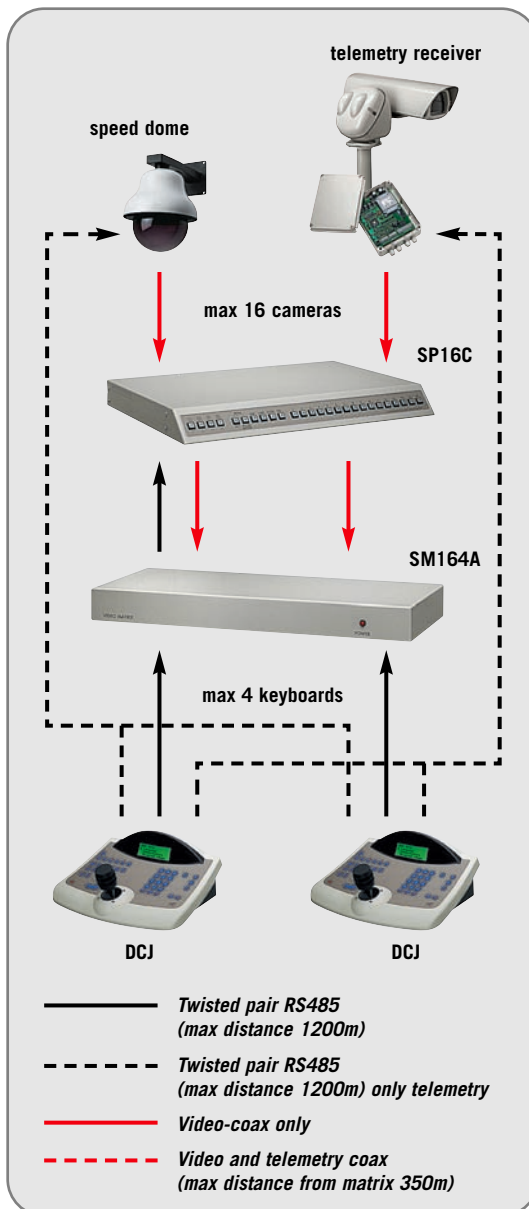
The DCJ, microprocessor controlled, allows to interface and control SM42A-82A, SM84A-164A and SW328 matrix, and the multiplexer SP16C.

The operator can set up, through video menu, the SM42A-82A, SM84A-164A matrix. It is also possible to control the following functions of the SW328 matrix: video switching, sequences and alarm reset. A LCD display assists the operator during all the control functions.

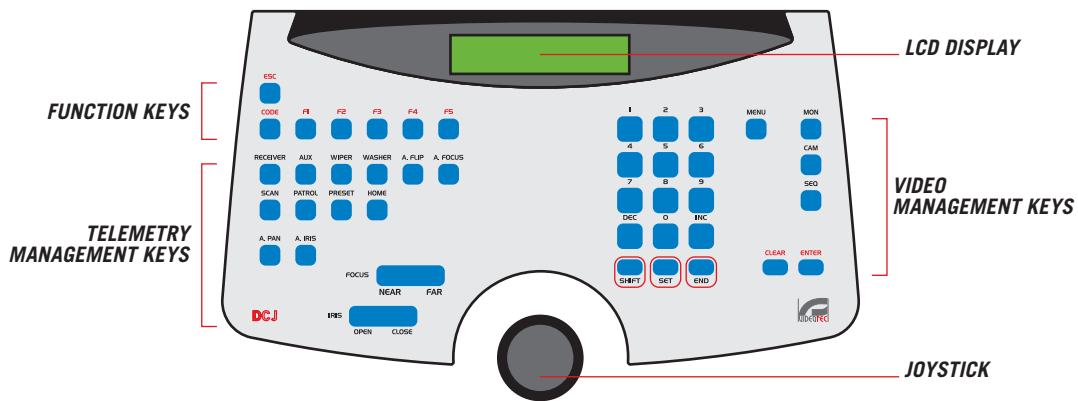
Furthermore the DCJ allows to control up to 999 telemetry receivers, the preset and patrol functions together the DTRX3 or DTRXDC receivers. The three-axle joystick allows a simple manual control and gives the possibility to drive variable speed P&T, further to the most common high speed domes. The same joystick can be used for the menu set-up.

Three serial RS485 communication lines: one towards video matrix and multiplexer, two for the management of two independent telemetry lines.

A RS232 serial connection allows the keyboard set-up and firmware update from PC.



MODELS	
DCJ	Matrix, telemetry and multiplexer control keyboard

**DCJ****VIDEO AND TELEMETRY CONTROL KEYBOARD****TECHNICAL DATA****GENERAL:**

- Joystick for Pan/Tilt/Zoom control and moving the cursor within the menus
- Display back-lit by led with contrast set up by software
- 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, selection of camera on active monitor, 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
- Supplied with: instructions 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: 298 x 107 x 210 mm (11.7"x 4.2" x 8.2")
- 3 axis proportional joystick, with calibration and test
- Display: 20x4
- 3 connectors RJ11
- Power supply jack connector
- DB9 connector
- Configuration Dip-Switch

**ELECTRICAL/VIDEO:**

- Power supply input 100-240V 47/63Hz 15 W
- Power supply output 12VDC 1A

**COMMUNICATIONS:**

- Three RS485 lines for communication:
  - One line for communication with matrix and multiplexer which can be controlled from a maximum of 1200m (3900ft)
  - Two lines for two independent telemetry daisy chain up 999 telemetry receivers (line A 1 to n , line B n+1 to 999) which can be controlled from a maximum of 1200m (3900ft)
- Serial connection RS232 to PC for keyboard set-up and firmware update controllable from a maximum of 15 m (49 ft).

**RELATED PRODUCTS:**

- Matrix series SM (SM42-82, SM84-164)
- Matrix SW328
- Multiplexer SP16C
- Telemetry receivers:
  - DTRXDC, DTRX3, DTMRX, MICRODEC485 on dedicated telemetry lines.
  - DTRX3+DTCOAX control through matrix SM series
- Retrofit on discontinued products  
*(contact Videotec for further specifications)*

**INTERFACE WITH OTHER MANUFACTURER PRODUCTS:**

- Direct control or control through matrix series SM of multiplexer Javelin/Hitron colour or B/W
- Speed Dome control:
  - Dome Elmo D7720B
  - Dome Ernitec Saturn
  - Dome Jvc TK-C675
  - Dome Panasonic 600 and Panasonic 850
  - Dome Pelco Spectra e Spectra Lite (protocol D)
  - Dome Samsung SCC64-1P
  - Dome Sensormatic DeltaDome II
  - Dome Star
  - Dome Vcl VC5S-ORBM
- Elmo, Ernitec, Jvc, Panasonic, Samsung, Sensormatic, Star, Vcl, Javelin and Hitron 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°-45°C (32°-113°F)

**STANDARD CERTIFICATIONS:**

- CE in compliance with EN50081-1, EN50130-4, EN60065

**Unit Weight:**  
1,7 Kg (3.7lb)**Package Weight:**  
2,2 Kg (4.8lb)**Package Dimensions:**  
24x14,5x41 cm  
(9.4"x5.7"x 16")