



- Microprocessor controlled
- RS485 communication
- Telemetry control
- Ergonomic design

The DCTEL keyboard is the best solution for the remote control of the SM series matrix and telemetry. This microprocessor-controlled keyboard allows you to interface and control the video switching of SM42A-82A, SM84A-164A.

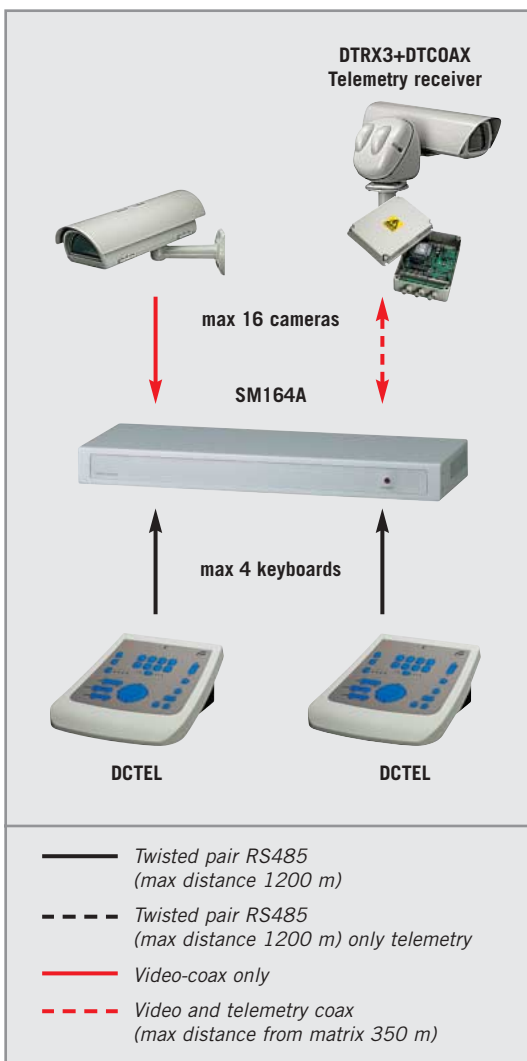
The operator can manage the following control functions: video switching, sequences and alarm reset, to matrix set-up through a video menu.

The DCTEL can control up to 16 digital telemetry receivers and the preset and scan functions with the DTRX3 receiver driver.

Two serial RS485 communication lines: one for the video matrix, one for the management of the telemetry.

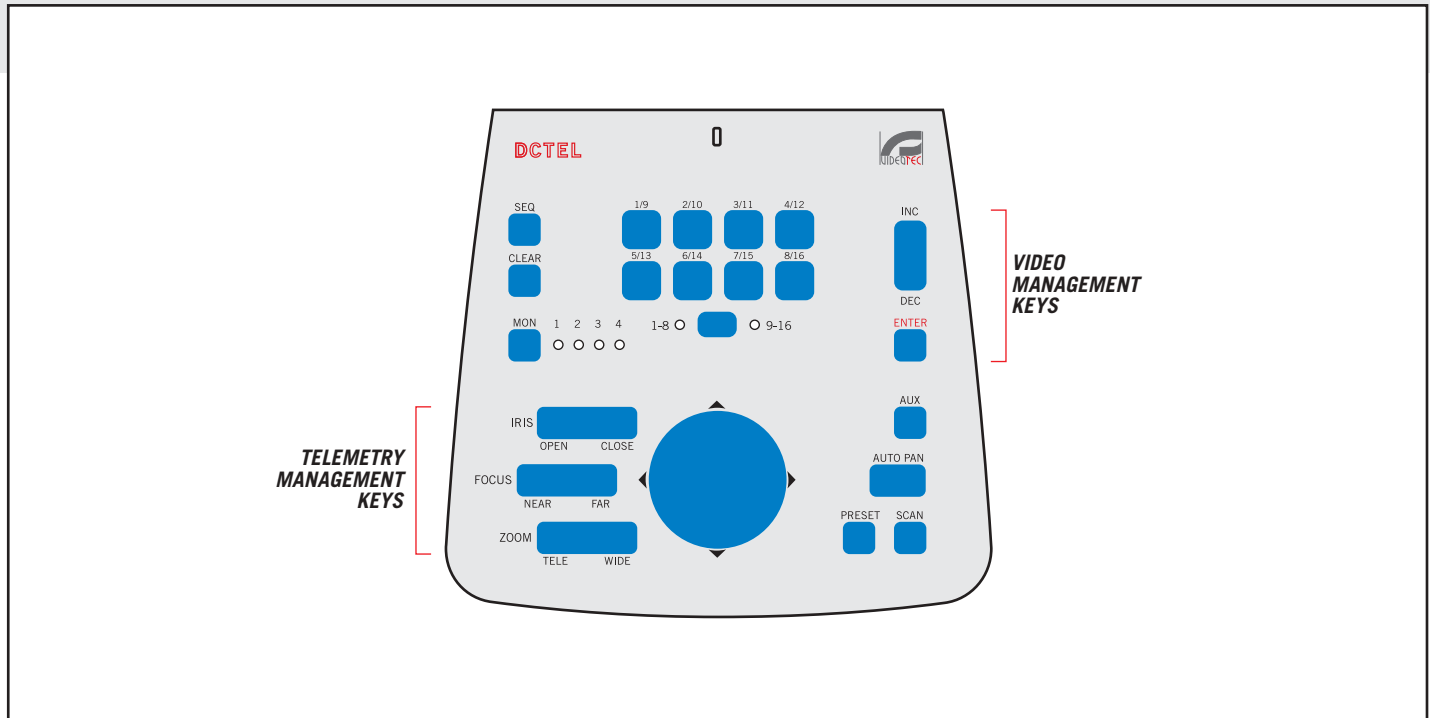
The telemetry control can be also performed indirectly through the matrix or over the matrix RS485 dedicated serial output: autopan, preset, scan, zoom, focus e iris + Aux.

The DCTEL can be fed by the standard external power supply or directly by the matrix up to a maximum of 700 m (2300 ft).



## MODELS

**DCTEL** Matrix and telemetry control keyboard



## TECHNICAL DATA

### GENERAL

- 16 cameras, control of max 16 telemetry receivers
- P&T control, autopan, preset, zoom, focus, iris, Aux
- Alarm reset
- Supplied with: instruction manual, wide range power supply, 3 power cables, 4 telephone cables, 4 jack shunt boxes RJ jack

### MECHANICAL

- Thermo resistant and shock proof ABS material
- 22 rubber keys
- Dimensions 80x190x205 mm (3.4x7.5x8 in)
- 2 connectors RJ11
- Power supply jack connector
- Configuration Dip-Switch
- 4 LEDs indicating the active monitor
- 8 LEDs indicating the active camera
- 2 LEDs indicating the active camera group (cameras 1 to 8 or cameras 9 to 16)
- Power supply LED

### ELECTRICAL

- Keyboard powered: 12VDC
- Power supply kit:  
input 100-240V 47/63Hz 15W, output 12VDC 1A
- It can be fed directly by matrix SM42A-82A, SM84A-164A to a maximum of 700 m (2300 ft)

### COMMUNICATIONS

- Two RS485 lines for communication:
  - one line for communication with matrix controllable to a maximum of 1200 m (3900 ft);
  - one line for telemetry control up to 16 receivers
- Selection of communication rates

### RELATED PRODUCTS

#### Matrix:

Series SM (SM42A-82A, SM84A-164A)

#### Telemetry receivers:

DTRX3, DTMRX2, MICRODEC485, DTRXDC (in this case the P&T is controlled with fixed speed) on dedicated telemetry line;  
DTRX3+DTCOAX, DTMRX2 control through matrix SM series

*Retrofit on discontinued products: contact Videotec for further specifications.*

### ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

### COMPLIANCE TO

- CE in compliance with EN50081-1, EN50130-4, EN60950, EN55022 Class B
- FCC in compliance with Part. 15 Class B



**Unit Weight (kg / lb):**  
DCTEL: 0,4 / 0,9  
(power supply not included)

**Package Weight (kg / lb):**  
DCTEL: 0,8 / 1,76

**Package Dimensions (cm / in):**  
DCTEL: 24x13,5x33 / 9.4x5.3x13

**Master Carton (units):**  
DCTEL: