

# DCTEL MATRIX AND TELEMETRY CONTROL KEYBOARD



Microprocessor controlled  
RS485 Communication  
Telemetry control  
Ergonomic design

The DCTEL keyboard is the best solution for the remote control of SM series matrix and telemetry.

This microprocessor-controlled keyboard allows to interface and control the video switching of SM42A-82A, SM84A-164A.

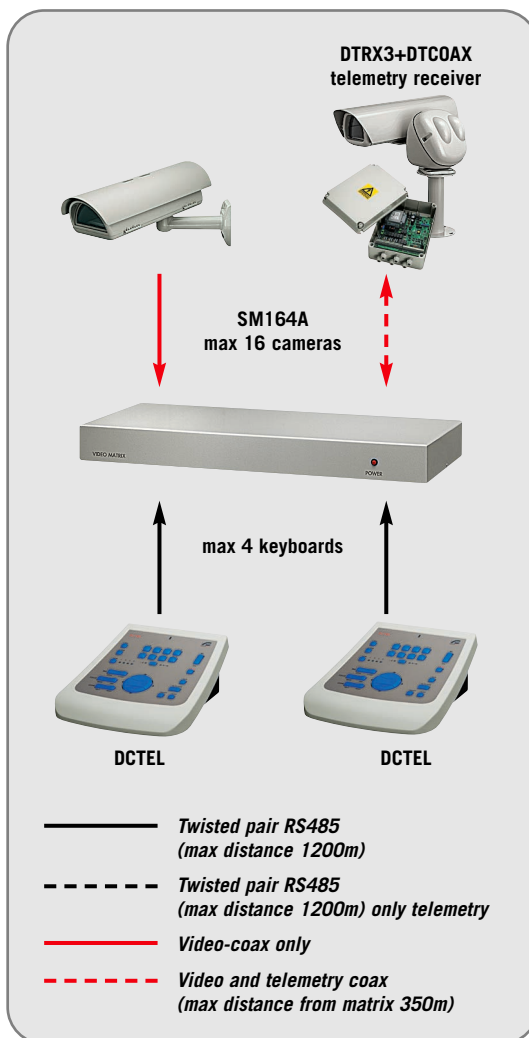
The operator can manage the following control functions: video switching, sequences and alarm reset, further to matrix set-up, through video menu.

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

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

The telemetry control can be also performed through 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 700m (2300ft).

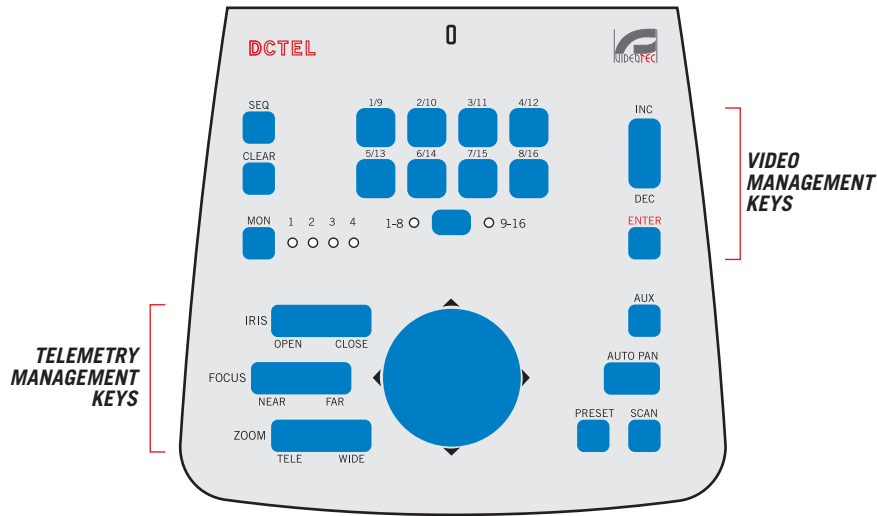


MODELS	
<b>DCTEL</b>	Matrix and telemetry control keyboard



# DCTEL

## MATRIX AND TELEMETRY CONTROL KEYBOARD



### TECHNICAL DATA

#### GENERAL:

16 cameras, 16 telemetry receivers,  
 P&T control, autopan, preset, zoom, focus, iris, Aux.  
 Alarm reset  
 Supplied with: instructions 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  
 29 rubber keys  
 Dimensions 80 x 190 x 205 mm (3.4"x 7.5" x 8")  
 2 connectors RJ11  
 Power supply jack connector  
 Configuration Dip-Switch  
 4 LED's indicating the active monitor  
 8 LED's indicating the active camera  
 2 LED's indicating the active camera group (cameras 1 to 8 or cameras 9 to 16)  
 Power supply LED

#### ELECTRICAL/VIDEO:

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

#### COMMUNICATIONS:

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

#### RELATED PRODUCTS:

Matrix series SM (SM42-82, SM84-164)  
 Telemetry receivers:  
 DTRX3, DTMRX, MICRODEC485, DTRXDC (fixed speed P&T control) on dedicated telemetry line  
 DTRX3+DTCOAX control through matrix SM series  
 Retrofit on discontinued products  
 (contact Videotec for further specifications)

#### ENVIRONMENT:

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

#### STANDARD CERTIFICATIONS

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



**Unit Weight**  
 0,4 Kg (0.9 lb)  
 (power supply not included)

**Package Weight:**  
 0,8 Kg (1.76 lb)

**Package Dimensions:**  
 24x13,5x33  
 (9.4"x5.3"x13")