

# DCBD

## MATRIX CONTROL KEYBOARD

REVISION 0945



### MAIN FEATURES

Microprocessor controlled

RS485 communication

Ergonomic design

### DESCRIPTION

The DCBD keyboard is a solution for remote control of the SM series matrix.

This microprocessor controlled keyboard allows you to control the video switching of SM42B-SM82B, SM84B-SM164B.

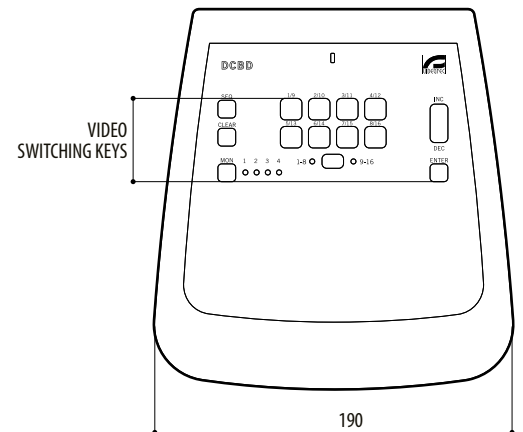
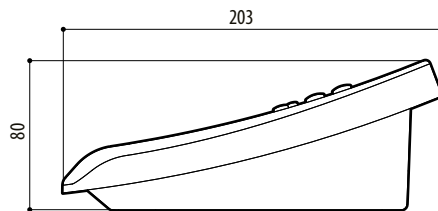
The operator can manage the following control functions: video switching, sequences and alarm reset, matrix setup through On Screen Display.

The serial communication to the matrix is RS485.

The DCBD can be fed by the supplied external power supply or directly by the matrix, up to a maximum of 700m (2297ft).



DCBD



DCBD

mm 1:4

## DCBD

## TECHNICAL DATA

## GENERAL

Control of max 16 cameras

Alarm reset

Supplied with instruction manual, wide range power supply, 3 power cables, 2 RJ11 telephone cables, 2 jack shunt boxes RJ11

## MECHANICAL

Thermo resistant and shock proof ABS box

14 rubber keys

Dimensions: 80x190x205mm (3.2x7.5x8in)

1 connector 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

Power supply

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

It can be fed directly by matrix SM42B-SM82B, SM84B-SM164B up to a maximum of 700m (2297ft)

## PROTOCOLS

Video Line

- VIDEOTECH (1200, 9600, 19200, 38400 baudrate)
- MACRO (1200, 9600, 19200, 38400 baudrate)

## COMMUNICATIONS

RS485 line for communication with matrix to a maximum of 1200m (3937ft)

Selection of communication rates

## ENVIRONMENT

Indoor

Operating temperature: 0°C / +40°C (+32°F / +104°F)

## CERTIFICATIONS

CE EN61000-6-3, EN60950-1, EN55022 Class B, EN50130-4

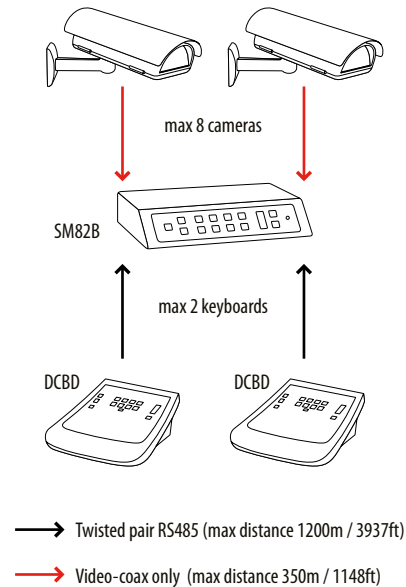
FCC Part. 15 Class B

## RELATED PRODUCTS

SM42B-SM82B Matrix 4/8 inputs and 2 outputs

SM84B-SM164B Matrix 8/16 inputs and 4 outputs

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



## PACKAGE

Code	Unit weight		Package weight		Package dimensions (WxHxL)		Master carton unit
	kg	lb	kg	lb	cm	in	
DCBD	0.6	1.3	1.8	4.0	31.0x17.4x26.4	12.2x6.1x10.4	5