

### MAIN FEATURES

Microprocessor controlled

LCD display back-lit

1 RS485 communication channel

Ergonomic design

### DESCRIPTION

This microprocessor controlled keyboard allows you to interface and control SM42B-SM82B, SM84B-SM164B and SM328B matrix.

The operator can set up and control the SM42B-SM82B, SM84B-SM164B and SM328B matrix through the On Screen Display.

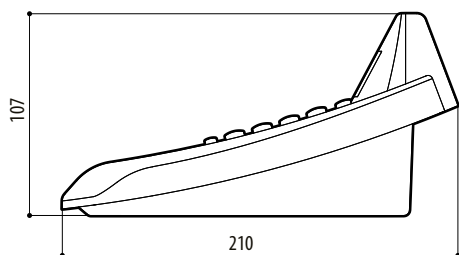
A LCD display assists the operator during all the control functions.

One serial RS485 communication line for the video matrix.

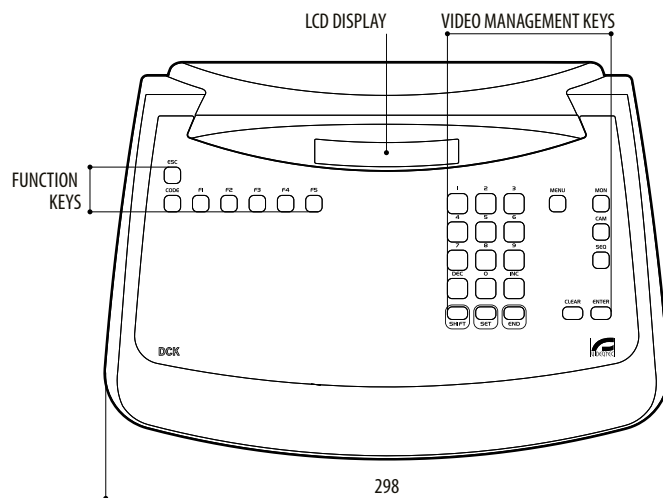
A RS232 serial connection allows the firmware update from a PC.



DCK



DCK



mm 1:4

## TECHNICAL DATA

### GENERAL

Backlit display  
 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  
 9999 cameras, 99 monitors  
 Alarm and/or break 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, 2 RJ11 telephone cables, 2 jack shunt boxes RJ11

### MECHANICAL

Thermo resistant and shock proof ABS plastic material  
 Rubber keys  
 Dimensions: 298x107x210mm (11.7x4.2x8.2in)  
 Display 4 lines of 20 characters  
 1 connector RJ11  
 Power supply jack connector  
 DB9 connector for firmware update  
 Configuration Dip-Switch

### ELECTRICAL

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

### PROTOCOLS

Video Line  
 • VIDEOTECH (1200, 9600, 19200, 38400 baudrate)  
 • MACRO (1200, 9600, 19200, 38400 baudrate)

### COMMUNICATIONS

One RS485 line for communication:  
 • one direct line for communication with matrix and multiplexer to maximum 1200m (3937ft)  
 Serial connection RS232 to PC for firmware update, controllable to a maximum distance of 15m (49ft)

## INTERFACE WITH OTHER PRODUCTS

### Multiplexer

- ADEMCO
- ENEO
- HITRON
- SANYO
- SONY

### DVR

- EL.MO.
- EVERFOCUS
- SONY

*ADEMCO, EL.MO., EVERFOCUS, HITRON, SANYO, SONY are registered trademarks. Because DCK may be interfaced with equipment not manufactured by VIDEOTECH, it is possible that the interface protocols have changed or are in a different configuration from earlier tested units from us. Because VIDEOTECH recommends a bench test prior to installation, VIDEOTECH will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.*

## ENVIRONMENT

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

## CERTIFICATIONS

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

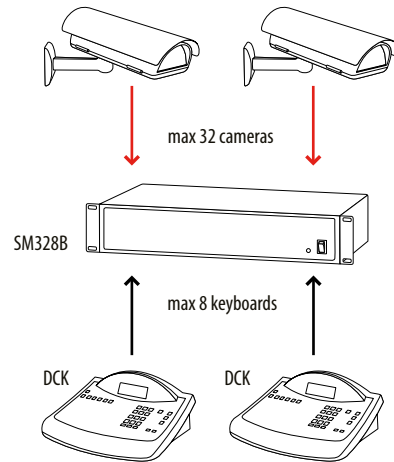
FCC Part. 15 Class B

M42B-SM82B Matrix 4/8 inputs and 2 outputs

SM84B-SM164B Matrix 8/16 inputs and 4 outputs

SM328B Matrix 32 inputs and 8 outputs

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



→ Twisted pair RS485 (max distance 1200m / 3937ft)

→ Video-coax only (max distance 350m / 1148ft)

## PACKAGE

Code	Unit weight		Package weight		Package dimensions (WxHxL)		Master carton unit
	kg	lb	kg	lb	cm	in	
DCK	1.0	2.2	3.1	6.8	42.3x17.2x26.2	16.6x6.7x10.3	4