

### MAIN FEATURES

- Infrared receiver located on the base of the remote control
- Control position free of loose cables
- RS485 Communication
- Ergonomic design
- For matrix series SM42B-SM82B, SM84B-SM164B and telemetry receivers

### DESCRIPTION

The DCIR is an infrared remote control allowing the "On Screen Display" set-up, the monitors and cameras recall and the alarms management for SM matrix series.

The matrix control is performed through a serial RS485 communication line while another RS485 line allows an independent management of telemetry.

The DCIR can fully control the following telemetry receivers: DTMRX2, MICRODEC485, DTRX3. The remote control can manage up to 999 of the above receivers in a daisy chain scheme, to control preset, autopan, patrol and auxiliary functions, like wiper control, with the receiver DTRX3.

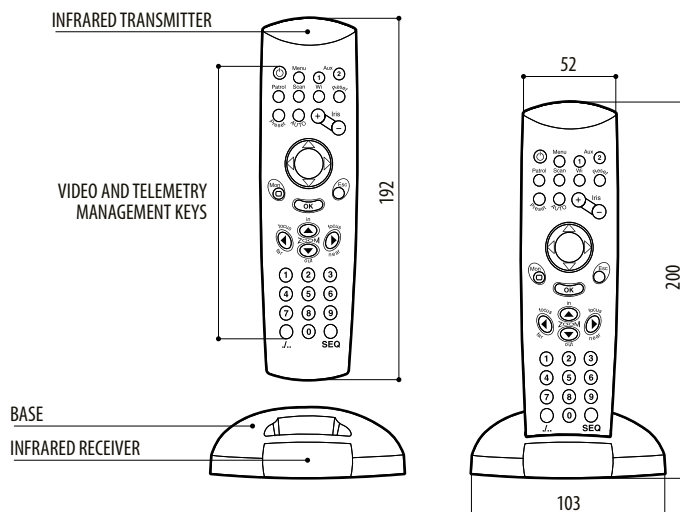
The telemetry control can also be performed through a matrix: over the coax or the matrix RS485 serial output.

The DCIR is usually fed by the matrix, up to 700m (2297ft), or, if the system does not include a matrix, a local power supply is necessary.

The infrared receiver is located on the base of the DCIR and remote control must be directed towards the base for the reception of the commands.



DCIR



DCIR

mm 1:4

**DCIR**

**TECHNICAL DATA**

**GENERAL**

Control of up to 999 video inputs (or telemetry receivers) and 99 outputs (monitors)  
 P&T control, autopan, preset, patrol, scan, zoom, focus, iris, Aux  
 Supplied with instruction manual, 1 RJ11 telephone cable, 2 jack shunt boxes RJ11

**MECHANICAL**

ABS shock-proof plastic material  
 Rubber keys  
 Remote control mounted on its base, dimensions: 102x130x180mm (4x5x7in)  
 1 phone cable with RJ11 connector

**ELECTRICAL**

The base can be fed directly by matrix SM42B-SM82B, SM84B-SM164B up to a maximum of 700m (2297ft)  
 Remote control powered by two LR03 1.5V AAA batteries (not supplied)  
 Ability to power the receiving base by means of an external 12Vdc power supply (not supplied)

**PROTOCOLS**

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

**COMMUNICATIONS**

Two RS485 lines for communication:  
 • one line for communication with matrix to a maximum of 1200m (3937ft)  
 • one line for telemetry control up to 999 receivers

Selection of communication

**ENVIRONMENT**

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

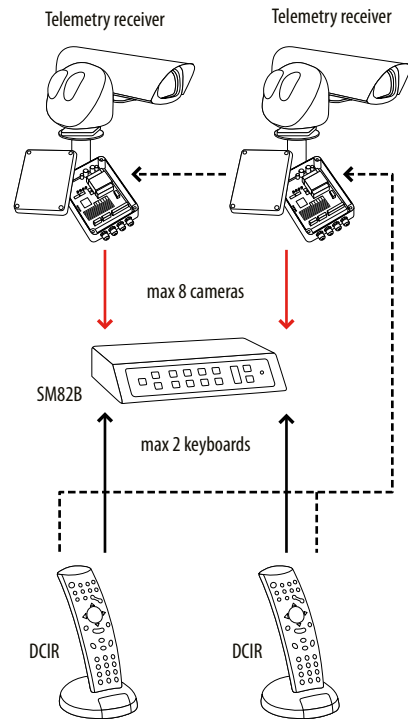
**CERTIFICATIONS**

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
MICRODEC485	Mini telemetry receiver 8 functions, 24Vac
DTMRX224	Telemetry receiver 12 functions, 24Vac
DTMRX2	Telemetry receiver 12 functions, 230Vac
DTRX324	Telemetry receiver 17 functions, 24Vac
DTRX3	Telemetry receiver 17 functions, 230Vac
DTCOAX	Over the coax board for DTRX3 only trough matrix series SM
DTRXDC	Telemetry receiver 13 functions, for PTH355P (only fix speed)

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



- Twisted pair RS485 (max distance 1200m / 3937ft)
- - -→ Twisted pair RS485 (max distance 1200m / 3937ft) telemetry only
- 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	
DCIR	0.3	0.7	0.5	1.1	25.0x6.5x25.0	9.8x2.5x9.8	20