



- Infrared receiver located on the base of the remote control
- Control position free of loose cables
- RS485 Communication
- Ergonomic design
- For matrix series SM42A-82A, SM84A-164A and telemetry receiver

The DCIR is an infrared remote control allowing the "On Screen Menu" 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.

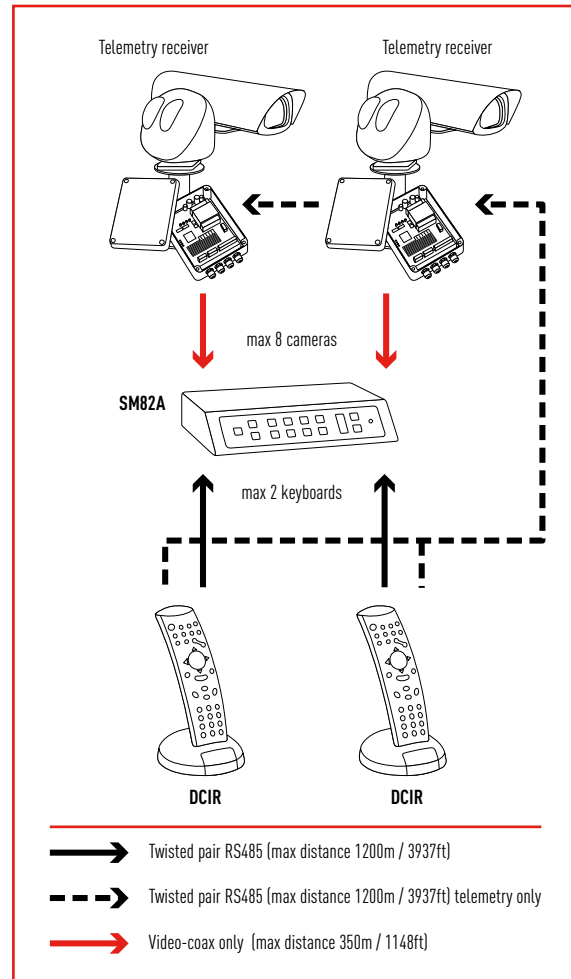
The DCIR can fully control the following receiver drivers: DTRMX2, MICRODEC485, DTRX3.

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-driver 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, over 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.



TECHNICAL DATA

GENERAL

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 telephone cable, 2 jack shunt boxes
 RJ jack

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 SM42A-82A, SM84A-164A 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 12V DC power
 supply (not supplied)

PROTOCOLS

Video Line

MACRO (1200, 9600, 19200, 38400 baudrate)

Telemetry Line

VIDEOTECH (1200, 9600, 19200, 38400 baudrate)

MACRO (1200, 9600, 19200, 38400 baudrate)

COMMUNICATIONS

Two RS485 lines for communication:
 - one line for communication with matrix which can be controlled to a
 maximum of 1200m (3937ft)
 - one line for telemetry control up to 999 receivers
 Selection of communication rates (38400, 19200, 9600 o 1200 baud), both
 video and telemetry

RELATED PRODUCTS

| | |
|--------------------|---|
| SM42A-82A | Matrix 4/8 input and 2 output |
| SM84A-164A | Matrix 8/16 input and 4 output |
| MICRODEC485 | Mini telemetry receiver 8 functions, 24V AC |
| DTMRX224 | Telemetry receiver 12 functions, 24V AC |
| DTMRX2 | Telemetry receiver 12 functions, 230V AC |
| DTRX324 | Telemetry receiver 17 functions, 24V AC |
| DTRX3 | Telemetry receiver 17 functions, 230V AC |
| DTCOAX | Over the coax board for DTRX3 only trough matrix series SM |
| DTRXDC | Telemetry receiver 13 functions, for PTH355P (only fix speed) |
| MISTRAL | Dome Camera |

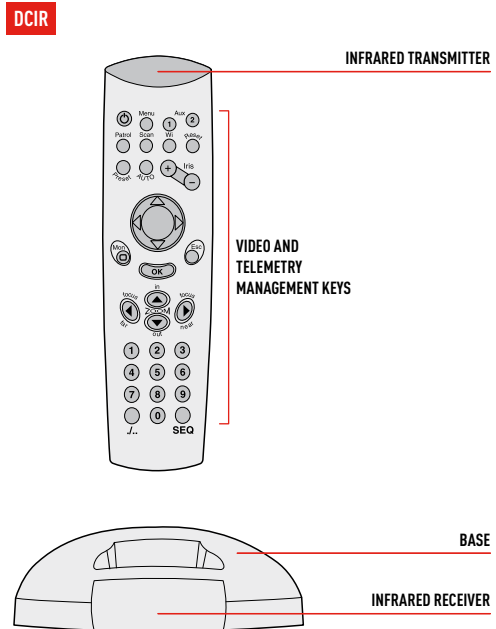
Retrofit on discontinued products: contact Videotec for further specifications.

ENVIRONMENT

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

COMPLIANCE TO

CE according to EN 61000-6-3, EN 60950, EN 55022 Class B, EN 50130-4
 FCC according to Part. 15 Class B



| | | | | |
|---|---|--|--|--|
|  | Unit Weight: DCIR 0.3kg / 0.7lb | Package Weight: DCIR 0.5kg / 1.1lb | Package Dimensions (BxHxL): DCIR 25x6.5x25cm / 9.8x2.5x9.8in | Master Carton: DCIR 20 units |
|---|---|--|--|--|