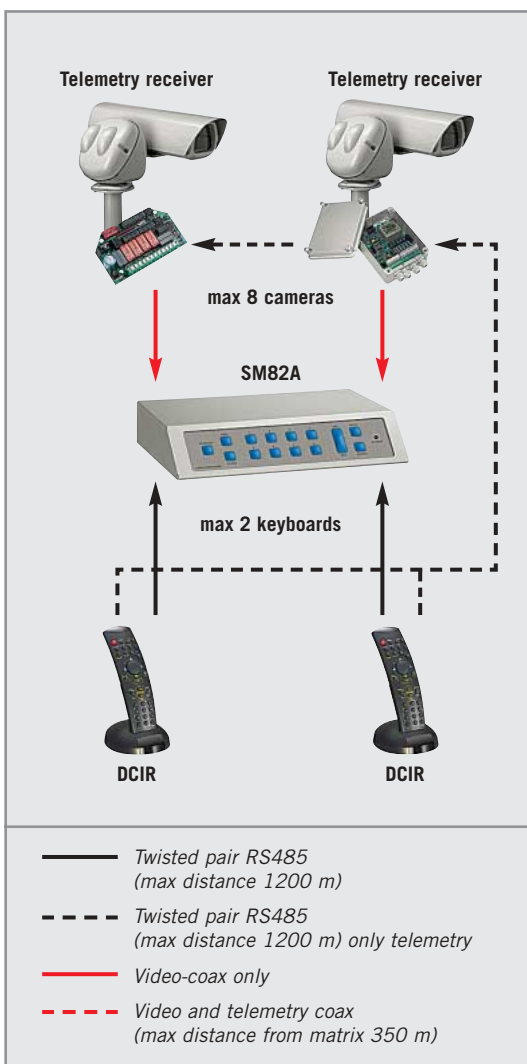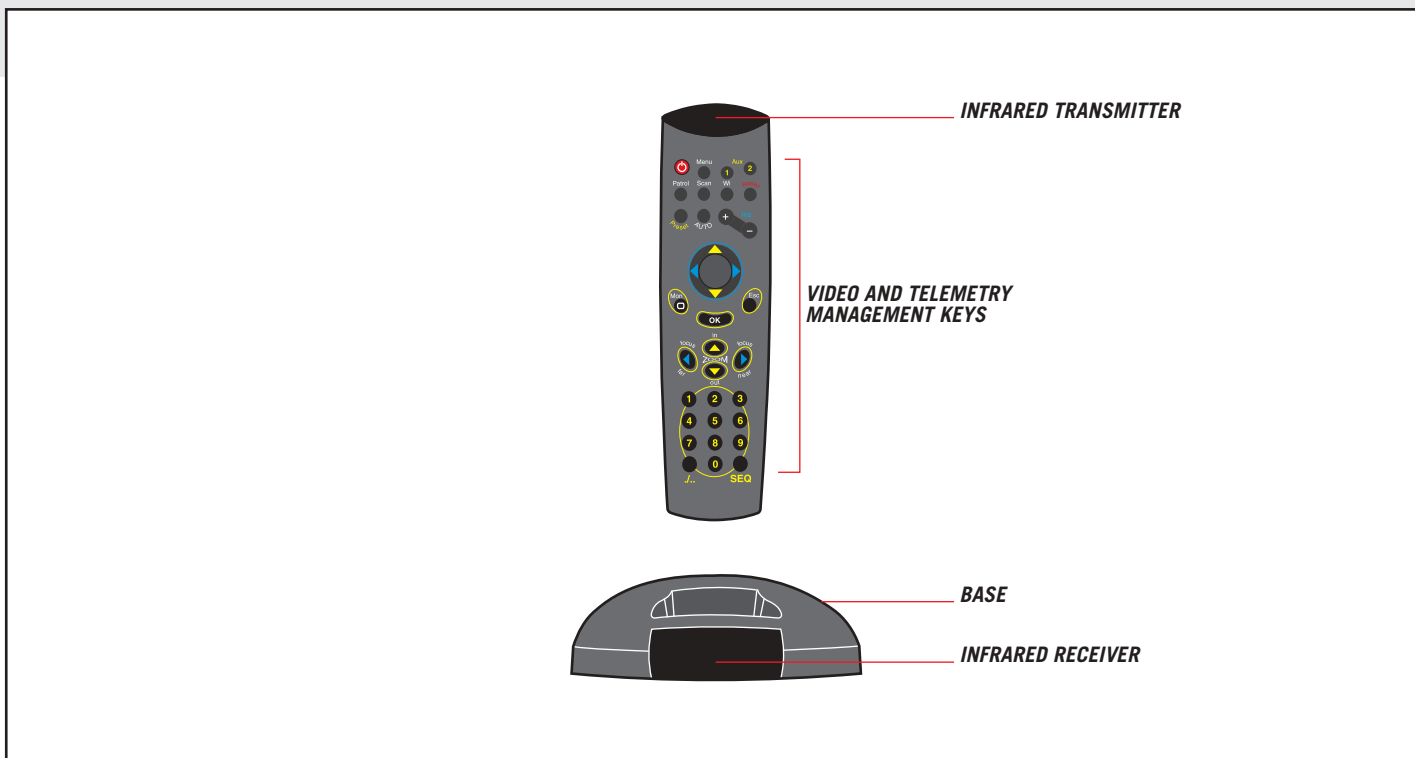# DCIR INFRARED REMOTE CONTROL WITH BASE UNIT

- **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 handling 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: 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-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 700 m (2300 ft) 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.

Telemetry receiver **Telemetry receiver**

max 8 cameras

SM82A

max 2 keyboards

DCIR **DCIR**

—————— Twisted pair RS485
(max distance 1200 m)

- - - - - Twisted pair RS485
(max distance 1200 m) only telemetry

—————— Video-coax only

- - - - - Video and telemetry coax
(max distance from matrix 350 m)

MODELS	
DCIR	Infrared remote control for matrix and telemetry

INFRARED TRANSMITTER

VIDEO AND TELEMETRY
MANAGEMENT KEYS

BASE

INFRARED RECEIVER

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: 102x130x180 mm (4x5x7 in)
- 1 connector RJ11

ELECTRICAL
- The base can be fed directly by matrix SM42A-82A, SM84A-164A
  up to a maximum of 700 m (2300 ft)
- Remote control powered by two LR03 1.5V AAA batteries, (not supplied)
- Ability to power the receiving base
  by means of an external 12V ⎓ power supply (not supplied)

COMMUNICATIONS
- Two RS485 lines for communication:
  - one line for communication with matrix which can be controlled
    to a maximum of 1200 m (3900 ft);
  - 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
Matrix:
  Series SM (SM42A-82A, SM84A-164A)

Telemetry receivers:
  DTRX3, DTMRX2, MICRODEC485,
  DTRXDC (fixed speed P&T control) on dedicated telemetry line;
  DTRX3+DTCOAX, DTMRX2 control through matrix SM series

Retrofit on discontinued products: contact Videotec for further specifications.

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

COMPLIANCE TO:
- CE in compliance with EN50081-1, EN50130-4, EN60065

	Unit Weight (kg / lb):	Package Weight (kg / lb):	Package Dimensions (cm / in):	Master Carton (units):
	DCIR: 0,45 / 1	DCIR: 0,7 / 1.5	DCIR: 25x6,5x25 / 9.8x2.55x9.8	DCIR:

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TÜV CERT
COMPANY CERTIFICATE
ISO 9001:2000

TÜV NORD
TÜV NORD CERT

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