

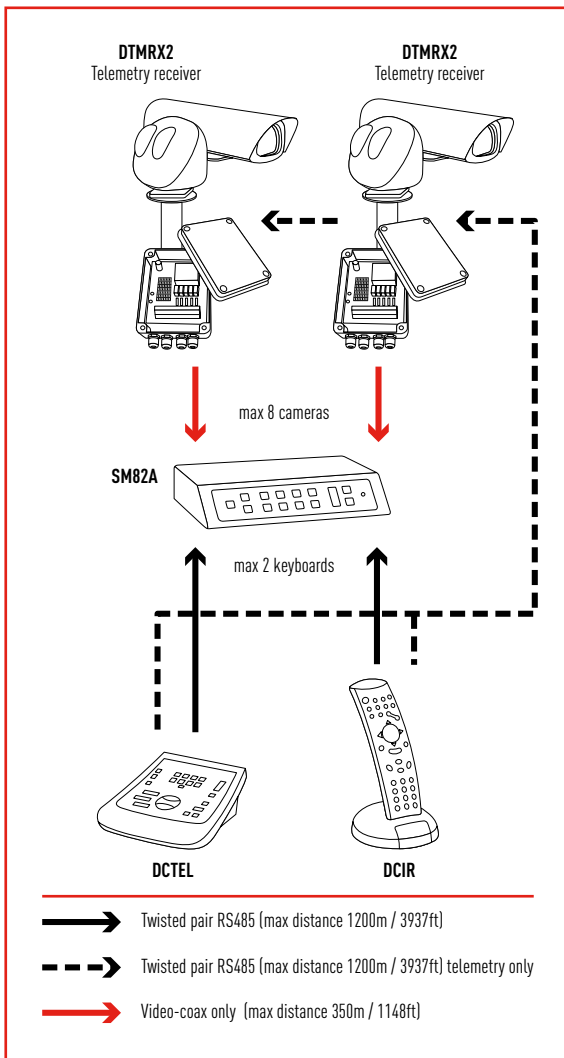
- Microprocessor controlled unit
- 12 functions
- RS232, RS485 or Over Coax communications
- Remote controllable up to 1200m (RS485)
- Weatherproof standard IP56

The DTMRX2 is a digital receiver, controlled by a microprocessor, for remote control of a Pan & Tilt motor and a motor-driven zoom lens. The DCT, DCJ, DCTEL, DCIR and SM matrix series control units ensure complete control of all the DTMRX2 functions. It is also interfaced to a PC through RS232.

Connection to the control unit can be RS232, RS485 or over Coax cable (in this case, the connection to the matrix distance can reach up to 350m). A IP56 weatherproof box ensures protection against all weather conditions.

It is available in 24V AC or 230V AC versions for Pan & Tilt motors, and allows feeding common ground or polarity inversion zoom lenses. A relay auxiliary function is available for controlling, for instance, the switching on of an IR illuminator through a power contact or the control of the wiper.

Four PG11 cable glands make connections easier.



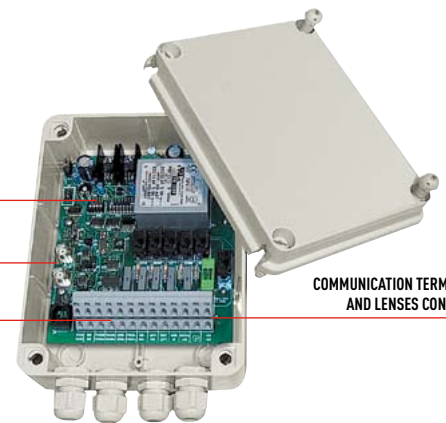
DTMRX2

DIP-SWITCH FOR ADDRESS, COMMUNICATION SPEED AND PROTOCOL

BNC FOR COAX TRANSMISSION

COMMUNICATION TERMINAL BLOCKS AND LENSES CONTROL OUTPUT

COMMUNICATION TERMINAL BLOCKS AND LENSES CONTROL OUTPUT



TECHNICAL DATA

GENERAL

12 Functions: UP, DOWN, LEFT, RIGHT, AUTO, ZOOM TELE, ZOOM WIDE, FOCUS NEAR, FOCUS FAR, IRIS OPEN, IRIS CLOSE, AUX

99 identification addresses, selectable by dip switch

Serial communication selectable between RS232, RS485 and Over Coax

Ability to use both polarity inversion lenses and common wire lenses

EEPROM for storing activated functions

LED indicating power supplied to the unit

LED indicating command reception

LED indicating data reception

Supplied with instruction manual, 2 PG11 blanking caps, 4 wall mounts with relevant fastening screws

MECHANICAL

Plastic material enclosure

4 PG11 cable glands

Dimensions: 225x154x81mm [8.8x6.1x3.2in]

ELECTRICAL

DTMRX2

Power supply: 230V AC, 50Hz

Power consumption: 10W

Max swichtable power: 100W

Power supplied to the positioning device: 230V AC, 50Hz

Power supplied to the lens: from 3 to 14V DC, max 100mA

AUX: auxiliary dry contact 1A 230V AC

Protection fuses: F1: F 250mA L 250V

DTMRX224

Power supply: 24V AC, 50/60Hz

Power consumption: 10W

Max swichtable power: 100W

Power supplied to the positioning device: 24V AC, 50/60Hz

Power supplied to the lens: from 3 to 14V DC, max 100mA

AUX: auxiliary dry contact 1A 24V

Protection fuses: F1: F 2.5A L 250V

PROTOCOL

VIDEOTECH (300, 1200, 9600, 19200 baudrate)

MACRO (1200, 9600, 19200, 38400 baudrate)

PELCO D (2400, 4800, 9600, 19200 baudrate)

Pelco is a registered trademark.

Because DTMRX2 may be interfaced with equipment not manufactured by Videotec, it is possible that the interface protocols have changed or are in a different configuration from earlier tested units from us. Because Videotec recommends a bench test prior to installation, Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

COMMUNICATIONS

Repeater RS232 or RS485 for daisy chain configuration

Telemetry data input RS485 on matrix series SM serial output for a max distance of 1200m (3937ft)

Telemetry data input RS485 on keyboard serial output, max distance of 1200m (3937ft)

Telemetry data input RS232 for PC or keyboard control for a max distance of 15m (49ft)

Telemetry data input Over Coax cable RG59 or equivalent for a max distance of 350m (1148ft) from Matrix Series SM

RELATED PRODUCTS

SM42A-82A	Matrix 4/8 inputs and 2 outputs
SM84A-164A	Matrix 8/16 inputs and 4 outputs
SM328A	Matrix 32 inputs and 8 outputs
DCTEL	Matrix and Telemetry Control Keyboard
DCIR	Infrared Remote Control
DCJ	Matrix, Mux and Telemetry Control Keyboard with three axis joystick
DCT	Matrix, Mux, DVR and Telemetry Control Keyboard touch screen equipped with three axis joystick

DTMRX2

PTH910	Pan&Tilt, 230V AC
PTH310	Pan&Tilt, 230V AC
NXPPTH210	Stainless steel Pan&Tilt, 230V AC
IPT720	Pan&Tilt wall mounting, 230V AC
IPTS720	Pan&Tilt ceiling mounting, 230V AC
IPHS720	Pan ceiling mounting, 230V AC
DTMRX224	
PTH911	Pan&Tilt, 24V AC
PTH311	Pan&Tilt, 24V AC
NXPPTH211	Stainless steel Pan&Tilt, 24V AC
IPT721	Pan&Tilt wall mounting, 24V AC
IPTS721	Pan&Tilt ceiling mounting, 24V AC
IPHS721	Pan ceiling mounting, 24V AC

Retrofit on discontinued products: contact Videotec for further specifications.

ENVIRONMENT

Indoor / Outdoor

Operating temperature: -20°C / +50°C [-4°F / +113°F]

COMPLIANCE TO

CE according to EN 60065, EN 55022 Class B, EN 50130-4

FCC according to Part. 15 Class B

IP56



Unit Weight:
DTMRX2 1kg / 2.2lb

Package Weight:
DTMRX2 1.2kg / 2.6lb

Package Dimensions (BxHxL):
DTMRX2 9.5x17.5x 29cm / 3.7x6.9x11.4in

Master Carton:
DTMRX2 20 units