

MAIN FEATURES

Microprocessor controlled

13 functions

RS232 and RS485

Remote control up to 1200m (3937ft), RS485

Preset standard

Weatherproof standard IP56

DESCRIPTION

The DTRXDC is a digital receiver, controlled by a microprocessor, for remote control of variable speed Pan & Tilt motor (PTH355P) and a motor-driven zoom lens.

The connection to the control unit can be RS232 or RS485 (in this case, the connection distance can reach 1200m (3937ft)).

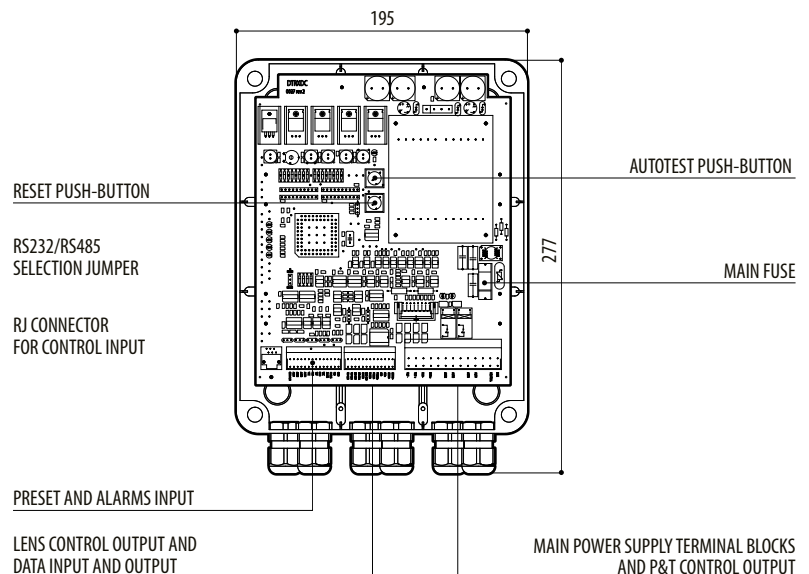
The digital receiver is controlled by DCJ or DCT keyboards and it is possible to recall up to 14 Pan & Tilt and lens preset positions with 4 local alarms.

Two auxiliary control relays are available for controlling, for instance, the switching on of an IR illuminator, through a power contact.

An IP56 weatherproof box ensures protection against all weather conditions.



DTRXDC



DTRXDC

mm 1:5

DTRXDC

TECHNICAL DATA

GENERAL

13 Functions: UP, DOWN, LEFT, RIGHT, AUTO, ZOOM TELE, ZOOM WIDE, FOCUS NEAR, FOCUS FAR, IRIS OPEN, IRIS CLOSE, AUX1, AUX2

99 selectable address through dip switches

Serial input selectable: RS232 or RS485

Repeater RS232 or RS485 for daisy chain configuration

Ability to use both polarity inversion lenses and common wire lenses

PRESET / SCAN / PATROL functions, 4 alarm contacts

Ability to memorize up to 14 preset functions (P&T motor and lens)

LED indicating power supplied to the unit

Optoisolated digital logic and power section

EEPROM for the storage of active options

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

MECHANICAL

Plastic material enclosure

6 cable glands PG11

External dimensions: 255x200x100mm (10x7.87x3.93in)

ELECTRICAL

Power supply: 230Vac, 50/60Hz

Power consumption: 40W

Power supplied to the positioning device: 24Vdc

Power supplied to the lens: adjustable 6 - 16Vdc max 80mA

Trimmer for the adjustment of the lens voltage

2 dry contacts 1A 230Vac, 1A 24Vac (AUX1, AUX2)

Fuses: F1: 630 mA 250V

PROTOCOLS

VIDEOTECH (9600, 1200 Baudrate)

COMMUNICATIONS

RS485 and RS232 repeater for daisy chain configuration

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

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

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

ENVIRONMENT

Indoor / Outdoor

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

CERTIFICATIONS

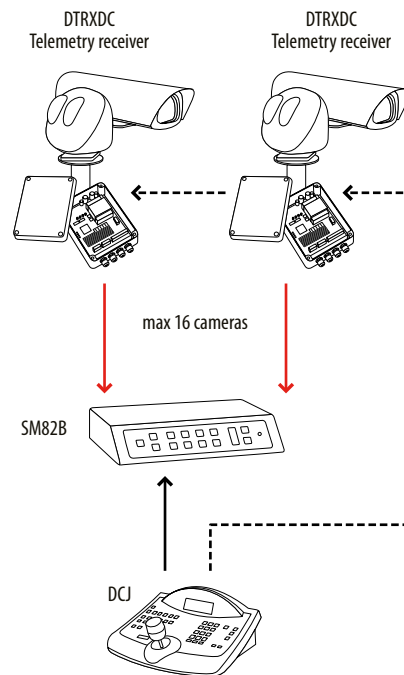
CE EN61000-6-3, EN60065, EN50130-4

IP56

RELATED PRODUCTS

PTH355P	Pan&Tilt
SM42B-SM82B	Matrix 4/8 inputs and 2 outputs
SM84B-SM164B	Matrix 8/16 inputs and 4 outputs
SM328B	Matrix 32 inputs and 8 outputs
DCJ	Keyboard to control matrix, multiplexers and telemetry equipped with three axis joystick
DCT	Touch screen keyboard to control matrix, multiplexers, DVRs and telemetry equipped with three axis joystick

Retrofit on discontinued products: contact VIDEOTECH 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	
DTRXDC	1.7	3.7	1.9	4.2	12.0x21.0x30.0	4.7x8.3x11.8	-