- Microprocessor controlled
- 13 functions
- RS232 or RS485
- Remote controllable up to 1200m (RS485)
- Preset standard
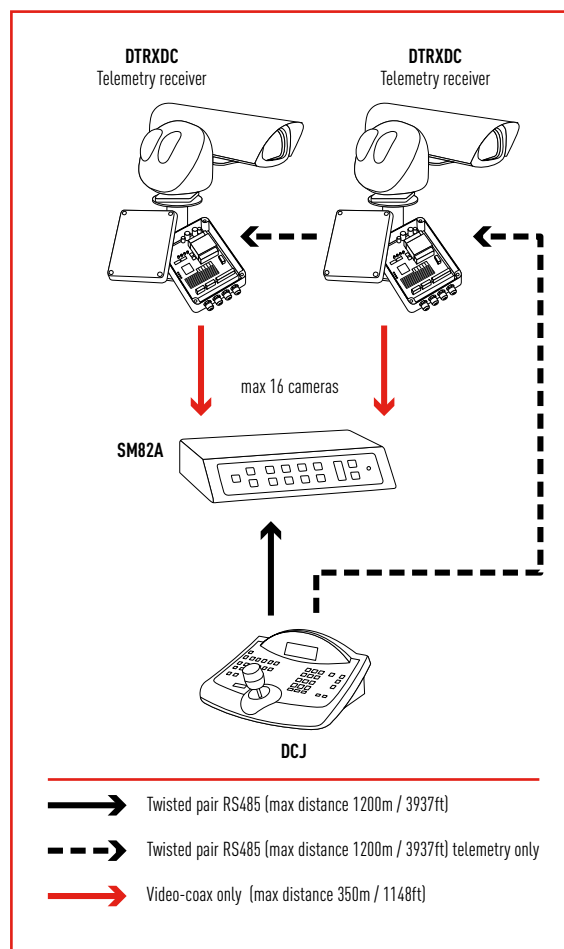- Weatherproof standard IP56

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).

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.

A IP56 weatherproof box ensures protection against all weather conditions.

DTRXDC Telemetry receiver | **DTRXDC** Telemetry receiver

max 16 cameras

SM82A

DCJ

→ Twisted pair RS485 (max distance 1200m / 3937ft)

- - → Twisted pair RS485 (max distance 1200m / 3937ft) telemetry only

→ Video-coax only (max distance 350m / 1148ft)

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TELEMETRY

DTRXDC
TELEMETRY RECEIVER 13 FUNCTIONS

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 Switch

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, 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: 230V AC, 50Hz

Power consumption: 40W

Power supplied to the positioning device: 24V DC

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

Trimmer for the adjustment of the lens voltage

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

Fuse F1: 630mA F 250V

PROTOCOLS

VIDEOTEC (9600, 1200 Baudrate)

COMMUNICATIONS

Repeater RS485 and RS232 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)

RELATED PRODUCTS

PTH355P	Pan&Tilt
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
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

Retrofit on discontinued products: contact Videotec for further specifications.
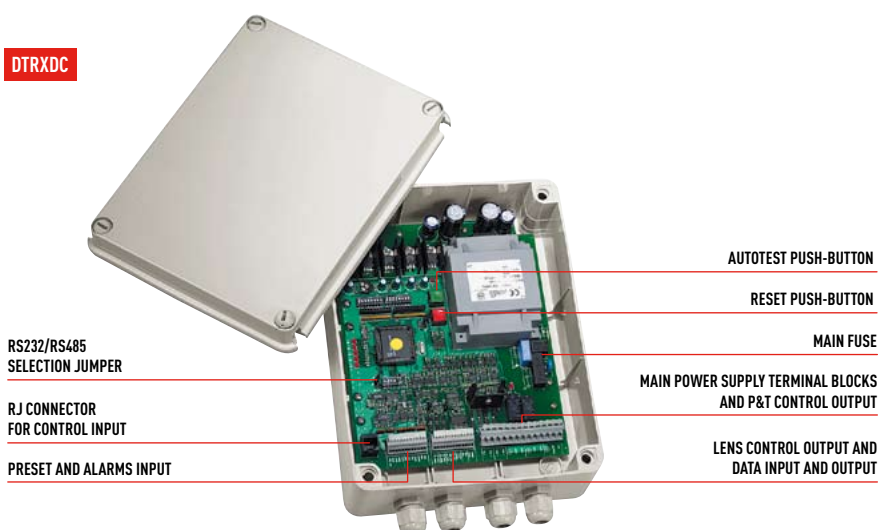
ENVIRONMENT

Indoor / Outdoor

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

COMPLIANCE TO

CE according to EN 61000-6-3, EN 60065, EN 50130-4

IP56

DTRXDC

RS232/RS485
SELECTION JUMPER

RJ CONNECTOR
FOR CONTROL INPUT

PRESET AND ALARMS INPUT

AUTOTEST PUSH-BUTTON

RESET PUSH-BUTTON

MAIN FUSE

MAIN POWER SUPPLY TERMINAL BLOCKS
AND P&T CONTROL OUTPUT

LENS CONTROL OUTPUT AND
DATA INPUT AND OUTPUT

	Unit Weight:	Package Weight:	Package Dimensions (BxHxL):	Master Carton:
	DTRXDC 1.7kg / 3.7lb	DTRXDC 1.9kg / 4.2lb	DTRXDC 12x21x30cm / 4.7x8.3x11.8in	DTRXDC -