

DTRXDC

TELEMETRY DATA RECEIVER, 13 FUNCTIONS

MAIN FEATURES

For remote control of variable speed P&T motor PTH355P and zoom lenses

13 functions (auxiliary functions 2xdry contacts)

14 presets

Up to 7 selectable speeds for autopan

RS232 and RS485 selectable communication

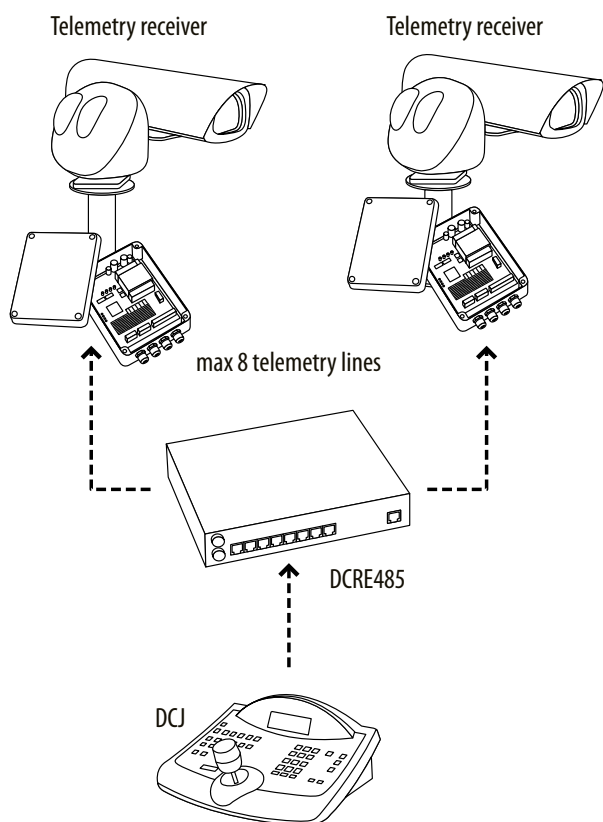
DESCRIPTION

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 keyboard 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.



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

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 identification addresses, selectable by dip switches
 Serial input selectable: RS232 or RS485
 Repeater RS232 or RS485 for daisy chain configuration
 Ability of using 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 PG11 cable glands
 Dimensions: 227x195x100mm (9x8x4in)
 Unit weight: 1.7kg (3.7lb)

ELECTRICAL

Supply voltage: 230Vac, 50/60Hz
 Consumption: 40W
 Power supplied to the positioning device: 24Vdc
 Power supplied to the lens: adjustable from 6Vdc to 16Vdc 80mA max
 Trimmer for the adjustment of the lens voltage
 2 dry contacts, 1A 230Vac or 1A 24Vac (AUX1, AUX2)
 Fuse F1: 630mA F 250V

PROTOCOLS

VIDEOTECH (1200, 9600 baud)

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

Electrical safety (CE): EN60065
 Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3
 IP protection degree: EN60529 (IP56)
 EAC certification

RELATED PRODUCTS

PTH355P	Pan&Tilt
SM82A	Video matrix 8 inputs and 2 outputs
SM164B	Video matrix 16 inputs and 4 outputs
SM328B	Matrix 32 inputs and 8 outputs
DCJ	Keyboard for video and telemetry control

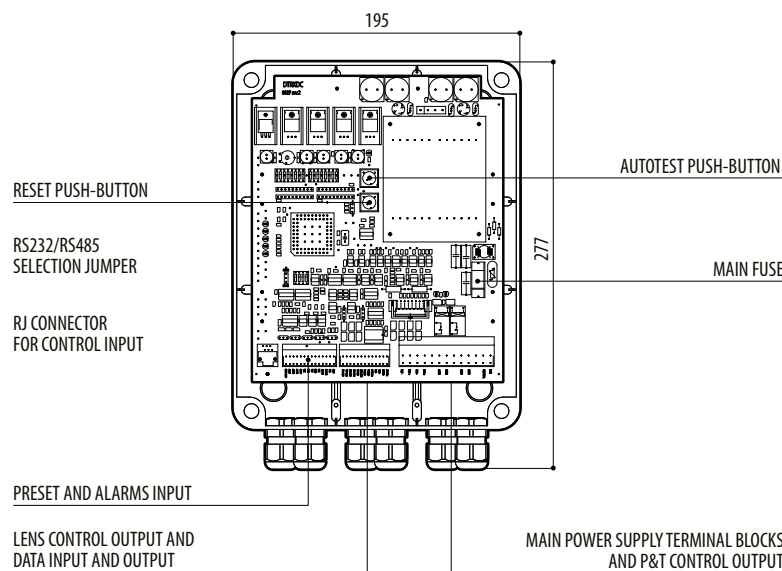
Retrofit on discontinued products: contact VIDEOTECH for further specifications.

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
DTRXDC	1.9kg (4.2lb)	12x21x30cm (5x8x12in)	-

TECHNICAL DRAWINGS

Sizes in millimeters.



DTRXDC