

# DCRE485

SERIAL DATA DISTRIBUTOR



## DESCRIPTION

DCRE485 is a serial data distributor used to increase the lines of DTRX3 and DTRX2 receivers. The appliance gives serial data back on 8 outputs at the same time, allowing star configurations.

The receiving mode of the input is RS485; the transmission in RS485, takes place at the same time on all 8 outputs.

## MAIN FEATURES

1 input, 8 serial outputs in RS-485

Serial data back on eight outputs at the same time

max. connection distance 1200m (3937ft)

## TECHNICAL DATA

### GENERAL

1 serial input in RS485 mode  
8 RS485 serial outputs the data sending back from the input  
Ability to cascade connection to other units DCRE485  
Supplied with 8 RJ11 telephone cables 6/6 straight through-length about 150cm (59in), 8 RJ11 connections boxes

### MECHANICAL

Steel enclosure  
Epoxy polyester powder painting, grey colour  
Dimensions: 222x185x40mm (7.7x7.3x1.6in)  
Unit weight: 2.4kg (5.3lb)

### ELECTRICAL

Supply voltage: 230Vac, 50/60Hz  
Power consumption: 10W  
Protection fuses: 63 mA T 230V

### SERIAL COMMUNICATIONS

Telemetry transmission on serial output RS485 for a max distance of 1200m (3397ft)

### ENVIRONMENT

For installation indoors  
Operating temperature: from 0°C (32°F) up to +45°C (+113°F)  
Relative humidity: from 5% up to 95%

### CERTIFICATIONS

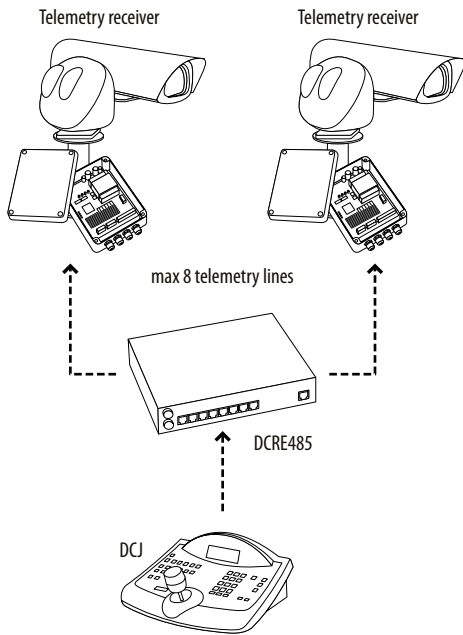
Electrical safety (CE): EN60065, EN62368-1  
Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3  
EAC certification

### RELATED PRODUCTS

Serial input:  
DCTEL Matrix and telemetry control keyboard  
DCJ Keyboard for video and telemetry control  
Control on serial output RS485:  
DTMRX224 Telemetry receiver 12 functions, 24Vac  
DTMRX2 Telemetry receiver 12 functions, 230Vac  
DTRX324 Telemetry receiver 17 functions, 24Vac  
DTRX3 Telemetry receiver 17 functions, 230Vac  
ULISSE Integrated positioning unit  
Retrofit on discontinued products: contact VIDEOTEC for further specifications.

### PACKAGE

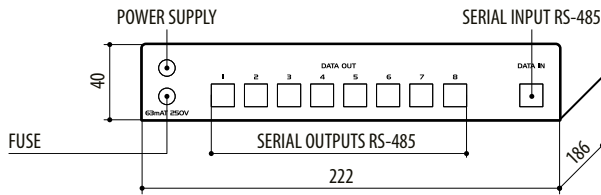
| Model Number | Weight        | Dimensions (WxHxL)      | Master carton |
|--------------|---------------|-------------------------|---------------|
| DCRE485      | 2.8kg (6.2lb) | 7x27x33cm (3x10.5x13in) | -             |



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

## TECHNICAL DRAWINGS

*The indicated measurements are expressed in millimetres.*



DCRE485