- Small size
- Microprocessor controlled
- RS485 communication up to 1200m

MICRODEC485 is a mini digital control receiver managed by a microprocessor for the remote control of a pan and tilt head and motor-driven lenses.

Designed to be installed inside camera housings, it ensures easier installation by reducing the number of connections and equipment (such as external boxes).

All functions are ensured by the DCT, DCJ, DCTEL and DCIR keyboards and SM matrix range.

The connection to the control unit is RS485 (connection distance up to 1200m by twisted pair cable).
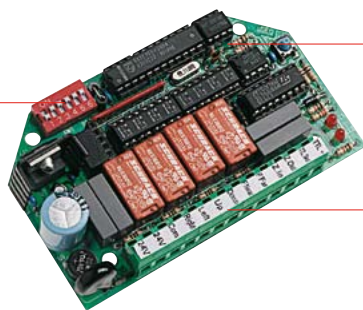
Up to 32 receivers can be addressed. The feed voltage is 24V AC.

The MICRODEC485 can control Pan and Tilt heads in 24V AC, 50/60Hz and 12V DC lenses with polarity inversion (zoom and focus); it can be installed into HEB and HEG housings.
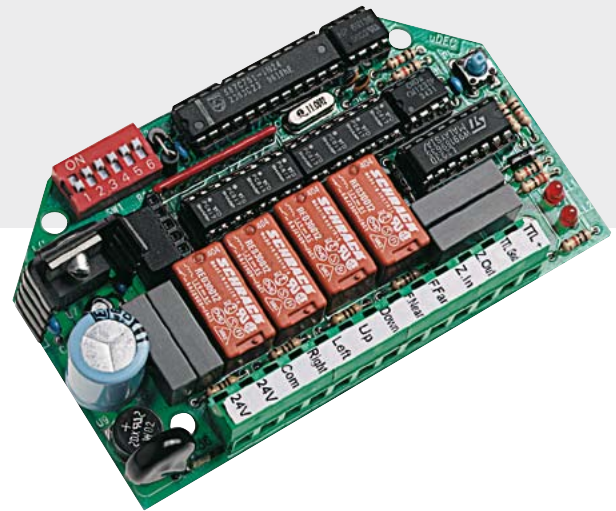
MICRODEC485

ADDRESS SELECTION DIP-SWITCH

RESET BUTTON

TERMINAL BLOCK

MICRODEC485 Telemetry receiver

MICRODEC485 Telemetry receiver

SM82A

DCJ

DCIR

→ 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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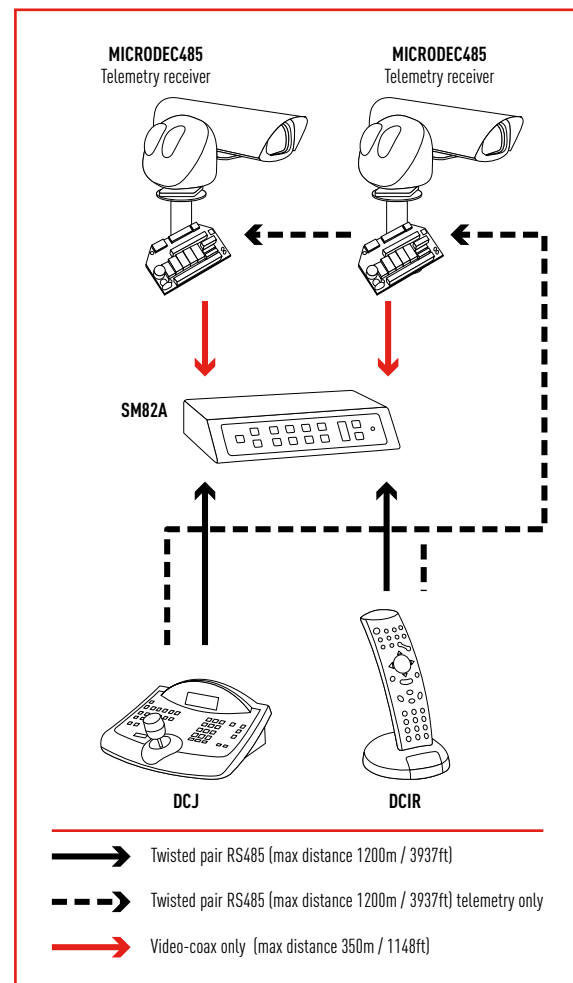
TELEMETRY

MICRODEC485
TELEMETRY DATA MINI RECEIVER

TECHNICAL DATA

GENERAL

8 Functions: UP, DOWN, LEFT, RIGHT, ZOOM TELE, ZOOM WIDE, FOCUS NEAR, FOCUS FAR

32 identification addresses, selectable by dip switch

Direct installation in HEG, HEB housings

Optoisolated digital logic and power section

2 diagnostic LEDs

Supplied with instruction manual, 1 support plate, 4 spacers, 2 fixing screws

MECHANICAL

Dimensions: 100x60mm (3.9x2.3in)

ELECTRICAL

Power supply: 24V AC, 50/60Hz

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

Power supplied to the lens: 12V AC, 50mA (polarity inversion lenses)

Power consumption: 1W

PROTOCOL

VIDEOTEC (1200, 9600 Baudrate)

COMMUNICATIONS

Serial input RS485

Max Distance 1200m (3937ft) from Matrix Series SM or controller keyboard

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
PTH911	Pan&Tilt, 24V AC
PTH311	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

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

COMPLIANCE TO

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

	Unit Weight: **MICRODEC485** 0.2kg / 0.4lb	Package Weight: **MICRODEC485** 0.3kg / 0.7lb	Package Dimensions (BxHxL): **MICRODEC485** 9.5x13x19.5 / 3.7x5.1x7.7in	Master Carton: **MICRODEC485** -

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