

HD CD8TP

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BI-DIRECTIONAL CODE DISTRIBUTOR

Honeywell's HD CD8TP 8-way bi-directional distribution unit gives the user the capability of expanding the number of receivers (e.g., PTZ receivers) in a system. The input to the HD CD8TP can be either an RS485 or RS232 (PC) controller. Each output is capable of transmitting control data via daisy-chain wiring to 32 RS485 units. There is an RS485 loop-through connection and RS485 termination links to enable several units to be connected in a daisy-chain wiring configuration.

The unit can be used to extend the distance for controlling RS485 receivers. If the required distance between RS232 or RS485 controller and the receiver is greater than 4,000 feet, this unit can be installed to extend the distance to a receiver an additional 4,000 feet.

This unit can also be used for applications that require a "star-wiring" configuration. In a star wiring configuration, each output on the HD CD8TP is connected to a single receiver. Multiple HD CD8TP units can be daisy-chain wired together to provide the required number of outputs for each receiver in the system.

The HD CD8TP has three front panel LEDs indicators – one power indicator and two data indicators – which designate the direction of transmission to or from the receivers.

Features

- Front panel LEDs indicate data transmitted to and from the receivers
- Daisy-chain multiple HD CD8TP units provide additional outputs for each receiver
- Up to 4,000 ft (1.22 km) maximum distance from the output to the last receiver
- Regenerated RS485 signals provide an additional 4,000 ft (1.22 km) between controller and receiver
- Flexible mounting options allow for desktop or rackmount installation



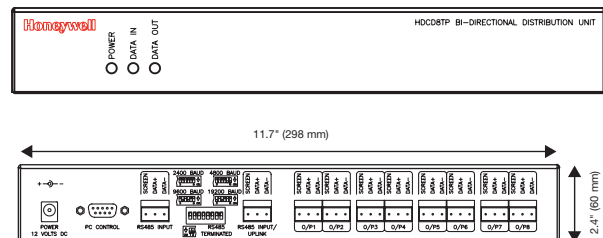
HD8D8TP

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SPECIFICATIONS

Operational	
Inputs	1 RS485 Input 1 RS485 Input/Uplink 1 PC Control: 9-pin female D plug
Output	8 RS485, bidirectional, half duplex
Baud Rate	DIP switch selectable: 2400, 4800, 9600, 19200
Data Format	8 bits, no parity, 2 stop bits, half duplex
Data Direction Change Latency	1.3 ms to 3.8 ms
Maximum Receivers/Domes Daisy Chained	32 per output Max 4,000 ft (1.22 km)
Electrical	
Input Voltage	12 VDC
Power Consumption	0.8 W Nominal 3 W Max

Mechanical	
Dimensions (W x H x D)	11.7" x 2.4" x 3.2" (298 mm x 60 mm x 80 mm)
Weight	1.54 lbs. (0.7 Kg)
Construction	Housing: Aluminum Finish: Black Matte
Connectors	Transmission: RS485 Power Input: 2 pin
Recommended Cable	CAT 5 @ 120 Ohms (preferred) 22AWG unshielded twisted pair (UTP), or 22AWG shielded twisted pair (STP)
LED Indicators	Power Data In Data Out
Environmental	
Temperature	Operating: 14°F to 122°F (-10°C to 50°C)
Relative Humidity	0% to 85%, non-condensing
Regulatory	
Emissions	FCC: Part 15, Class A CE: EN55022 Class B
Immunity	CE: EN50082-1



Ordering	
HD8D8TP	8-Way RS485/RS232 to RS485 Bidirectional Distribution Box, U.S. Power Cord
HD8D8TPX	8-Way RS485/RS232 to RS485 Bidirectional Distribution Box, Continental Europe Power Cord

Honeywell Security

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