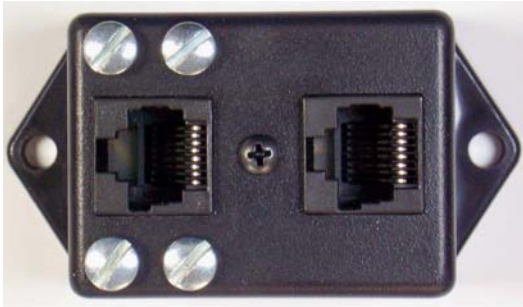


# 4-RUNNER



## Ethernet Expander

### Get more from your IP camera Ethernet connection

The 4-RUNNER Ethernet Expander allows you to add additional signals to your existing Ethernet cable run. It works with any 10/100 BaseT configured IP video cables and allows you to add two additional signals of any type or one additional IP video channel without decreasing the digital bandwidth of your existing IP channel. One expander is connected to each end of any 8-wire 568A or 568B cable run. The unit inserts the auxiliary signals on one end of the cable and the second unit extracts them at the other end of the cable.

Use it to add two extra analog or one digital IP camera on the same Ethernet cable. You can add two UTP analog cameras to an existing IP digital cable, or run alarm contacts and control signals on the same cable with your IP camera. Use it to carry RS-422 and RS-485 signals on the same cable. Retro-fit old PTZ control systems with new IP cameras running the PTZ data on the same cable. You can add AC or DC low voltage on your IP cable to power analog or digital equipment. Use it for door access and alarm contacts on the same IP camera cable.

This unit will carry card access data or cash register data on the same cable with the IP camera data. Use it to add any UTP twisted pair video or audio applications. You can supply power up the cable for non-POE digital IP cameras or connect any loop current application for physical security on the same Ethernet cable. The two-channel two-way communication path is handy for any application AC or DC. Use any combination of two applications with your existing IP camera. Add new equipment without having to run new cable or break into walls and ceilings.

# 4-RUNNER ETHERNET EXPANDER

The 4-RUNNER has two RJ-45 input/output connectors for easy IP Camera connection and uses wire screw terminals for easy auxiliary signal connections. You can supply non-POE cameras and devices with low voltage AC or DC using the same IP cable. It's compact size mounts easily in tight spaces and it is equipped with a convenient mounting flange for neat clean installations.

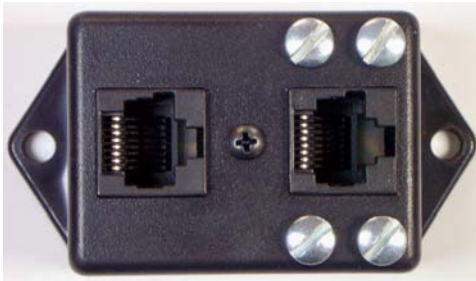
## SPECIFICATION

Data Cable Configuration	Ethernet 10/100 BaseT (8 wire)
IP Connectors	2 RJ-45 female (Loop through)
Auxiliary Connectors	4 Screw terminals (2 channels)

## MECHANICAL

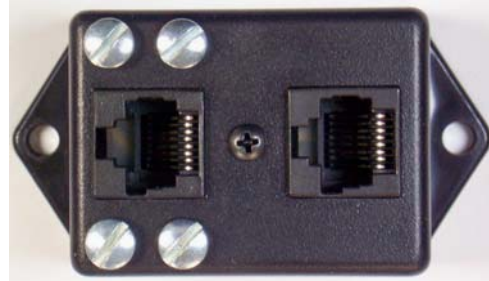
Enclosure	1"H x 3"L x 1.5"W
Mounting	2 Hole screw mount

ETHERNET SIDE



4 inputs

CABLE SIDE



4 outputs

ETHERNET SIDE

- \* Inputs and outputs may be used in either direction or both directions.
- \* The cable side is for direct wire connection only from one unit to the other. No electronic equipment may be placed between the two units on the cable side.
- \* Not intended for use with POE (Power Over Ethernet) systems.

4-RUNNERspc