Basic Ethernet Switch PN CG1104-11936
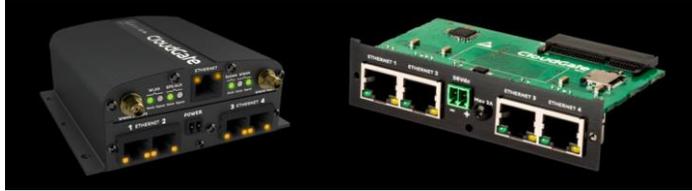
Specifications

- RJ-45 receptacle tab on top
- 4-port 10/100 Base-T
- One uSD card connector available
- Auto-MDIX
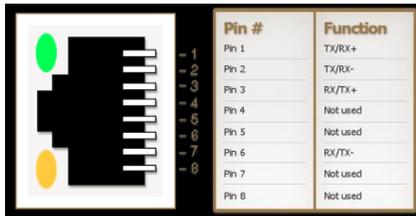
Pin #	Function
Pin 1	TX/RX+
Pin 2	TX/RX-
Pin 3	RX/TX+
Pin 4	Not used
Pin 5	Not used
Pin 6	RX/TX-
Pin 7	Not used
Pin 8	Not used

Yellow LED:
Active when operating speed is 100Mbps
Inactive when operating speed is 10 Mbps or when not connected

Green LED:
Active when valid link is detected
Blinks when activity is detected
Inactive when not connected

Note: The auto-MDIX feature is always activated on the CloudGate. This feature automatically detects the required cable connection type (straight or crossed) and configures the connection appropriately, removing the need for crossover cables in order for auto-MDIX to work correctly, auto-negotiation (auto speed and auto duplex) must be enabled on both sides of the link. Note that auto negotiation is always active on the CloudGate

PoE Ethernet 4-Port Switch   PN CG1103-11935

Specifications

- RJ-45 receptacle tab on top
- 4-port 10/100 Base-T
- Can function as a 2 port Class 4 PoE or a 4-port Class 3 PoE
- Auto-MDIX

Pinout

- **Yellow LED:**
  - PoE indicator

- **Green LED:**
  - Active when valid links is detected
  - Blinks when activity is detected
  - Inactive
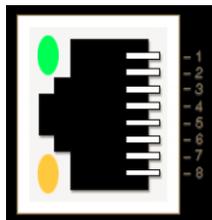
Pin #	Function
Pin 1	TX/RX+
Pin 2	TX/RX-
Pin 3	RX/TX+
Pin 4	Not used
Pin 5	Not used
Pin 6	RX/TX-
Pin 7	Not used
Pin 8	Not used

Note: The auto-MDIX feature is always activated on the CloudGate. This feature automatically detects the required cable connection type (straight or crossed) and configures the connection appropriately, removing the need for crossover cables in order for auto-MDIX to work correctly, auto-negotiation (auto speed and auto duplex) must be enabled on both sides of the link. Note that auto negotiation is always active on the CloudGate

Power Supply

- Connector: Examples of the connector you should use are:
  - Phoenix (MC 1,5/2ST-3,81)
  - Würth (691361300002)
- Operating voltage: 50 - 57Vdc, typical 56Vdc
- Power consumption: The mainboard of the Cloudgate consumes about 10W, the ethernet board can consume up to 60W (4x15w or 2 x 30W. So the total power should not exceed 70W.
- The POE ethernet board has an internal one time fuse of 2A

Note: when the PoE board is inserted in the CloudGate, the CloudGate must be powered by the PoE power supply as the main power input on the back is disabled. Power supply needs to be 56VDC.