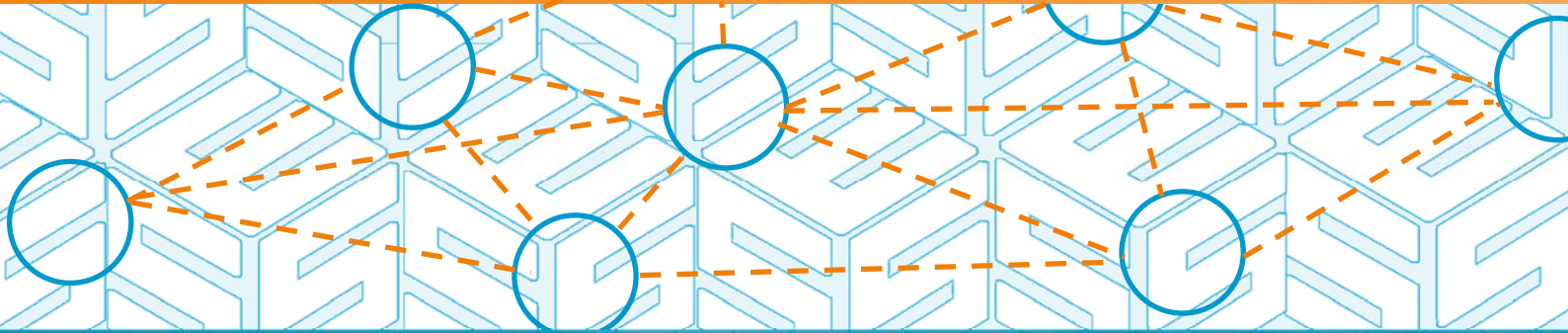




NEW Proprietary 900MHz Wireless version of the RS485 that connects CAT Series units to their expansion modules CATDR4 & CATRLY8



PRODUCT DESCRIPTION

Connect the proprietary 900MHz Wireless RS485 Mesh transceiver to its own local CAT or Expansion module, up to 3 CATDR4 and 32 CATRLY8 to communicate by wireless RS485 transceivers creating a multi-link wireless Mesh network.



STANDARD FEATURES

- ◆ No trenching required, above ground wireless installation.
- ◆ Plug and Play (factory pre-configured)
- ◆ Replaces wired RS-485 connection between CAT units and the respective expansion modules.
- ◆ Range from CAT up to 1000 ft. indoor using its 900MHz wireless technology and up to 2 miles outdoor line of sight.
- ◆ Unique Network ID eliminates non-interference with other electrical, radio or mesh network systems.
- ◆ Can be used with all CATDR4 and CATRLY8.
- ◆ The local transceiver units can be powered by the Expansion modules or its own power adapter (supplied).
- ◆ The CAT transceiver is powered by its own power adapter (supplied).

SPECIFICATIONS

- ◆ **Frequency Band:**
902-928MHz (900MHz ISM Band)
- ◆ **Receiving Sensitivity:**
-101dBm
- ◆ **Power Supply Requirements:**
7-30VDC @ 60-140mA (9V, 1.1A transformer provided or may use other suitable equivalent)
- ◆ **Transmit Power Output:**
24 dBm (250mW)
- ◆ **Operating Temperature:**
-40°F to +185°F (-40°C to +85°C)
- ◆ **Spread Spectrum:**
Frequency Hopping
- ◆ **Encryption:** AES128
- ◆ **Channels:** 64
- ◆ **Range:**
Up to 1000feet. *(see note below) indoor using its 900MHz wireless technology and up to 2 miles outdoor line of sight
- ◆ **Size:**
Overall 4.5"x2.75"x1.125" (11.5x7.0x2.9cm)
- ◆ **Weight:** 5.3oz (150G)
- ◆ **Connection:**
RS485-Screw Terminal
Power- Plug in from supplied adapter

*Note: Some restrictions apply, contact the factory.

Compatible Countries: North and south America, Oceania, part of Asia (International Telecommunication Union Regions 2 and 3)



NEW Optional NEMA Rated Weather Resistant Enclosure and
Optional Pole Mounting hardware for P/N: SWRS485MESH

P/N: SWRS485EXTENCL



P/N: SWRS485EXTPM



Shown with P/N: SWRS485EXTENCL sold separately

SPECIFICATIONS

- ◆ Designed to IP65 of IEC 529 and NEMA 1, 2, 4, 4x, 12 and 13 specifications
- ◆ Silicone rubber gasket makes this ideal for outdoor use in wide range of adverse conditions
- ◆ UL Listed to UL508-4x specifications
- ◆ Durable, impact-resistant UV Stabilized Polycarbonate material
- ◆ Assembly includes base, gasket, cover, 4 enclosure screws and a 1/2 in. Liquidtight conduit fitting connector

