

# ConnexLink - 2.4GHz Wireless Transceiver

Capricorn™ Data Bulletin

Catalog Numbers: 8245, 8249



**C**olumbia Weather Systems, Inc. introduces the Aerocomm ConnexLink™ 2.4GHz Wireless Transceiver for use with the Capricorn 2000 and Pegasus FlyAway Kit weather stations. The ConnexLink transceivers are powered by 200 mWatt radios in the license-free 2.4 GHz ISM band.

ConnexLink transceivers offer a cable-free means to remotely monitor weather information when hard-wire installations are not feasible or practical.

## Certifications

The 2.4 GHz ISM band is approved virtually worldwide as an unlicensed radio spectrum subject to approval by device. ConnexLink transceivers are approved for operation by FCC (USA), IC (Canada) and CE (Europe, 10mW model only). No additional certification is required.

## Specifications

**Dimensions:** 4.4 x 2.7 x 1.4 inches (111 x 69 x 36 mm)

**Weight:** 6 oz (170 g)

**Cord Length:** 6 feet ( 183 cm)

**Interface:** Serial RS232 DB9 female connector **RS232 Data**

**Rates:** Configurable up to 115.2 Kbps

**Output Power:** 200mW (10mW for European Market)

**Transmission Range:**

200mW Model: Up to 500 feet (152 m) indoors; Up to 10,000 feet (3050 m) line-of-sight

10mW Model: Up to 150 feet (45m) indoors; Up to 500 feet (152m) line-of-sight

**Frequency Band:** 2.402 - 2.478 GHz, FHSS

**Power Supply:** 6-foot cable, AC power connector

**Power Consumption:** 115mA typical (10mW radio);  
400mA typical (200mW radio)

**Electrical Requirements:** Line voltage 100 - 120V (240V outside US); Frequency 50 - 60 Hz

## Order Information

ConnexLink, 200mW Catalog Number: 8245

ConnexLink, 10mW (European Market) Catalog Number: 8249



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