

Wireless System for Model 4525 Series and Others



Ludlum Measurements, Inc.

FEATURES

- Establishes Point-to-Point Wireless Connection for Monitoring Systems
- Pole or Wall-Mounted
- Rugged Construction & Low Price
- Easy Setup
- High Performance
- Uses 6 Watts of Power (Maximum)

Introduction

This system offers a simple method to establish Point-to-Point (P2P) wireless networking that provides advantages when used for Model 4525-Series of Radiation Portal Monitors, and may also be incorporated into other systems. Suitable for wirelessly sending data from detector systems to monitoring stations, allowing efficient functioning over areas that would be difficult or hazardous to install a protected cable, and continues to provide good signals even if the surrounding rail and vehicle lanes sustain damage.

The antenna (two views shown at right) is attached to a pole with the included hardware. Alternately it may be secured to a wall with consumer-supplied screws. The ball joint permits precise aiming to capture the strongest signal, and the locking ring keeps it correctly positioned.



Part Number: 4558-048



Back view of antenna showing the ball joint and locking ring.

Specifications

CONSTRUCTION: outdoor-rated UV stabilized plastic enclosure

PROCESSOR: ATHEROS MIPS 74KC, 560 MHz, Ethernet internet

GAIN: 16 dBi dual linear polarized

TEMPERATURE RANGE: -40 to 70 °C (-4 to 158 °F)

HUMIDITY: 5 to 95%, non-condensing

POWER: 24V, 0.5 A PoE Adapter (included)

SIZE: 14 x 14 x 5.4 cm (5.5 x 5.5 x 2.1 in) (H x W x L)

WEIGHT: 320 g (0.7 lb)