

NEMA 4 Enclosure

For Wireless Access Points



Outdoor protection for access points

The LXE NEMA 4 Enclosure enables Network Planners to extend their 802.11b wireless local area networks (WLAN) into harsh indoor or outdoor environments. The NEMA 4 Enclosure protects your access point and wireless bridge from environmental hazards such as rain, snow, ice, hose spray, dust and wind-blown sand. And, with an optional heater, the LXE NEMA 4 Enclosure allows operation of a wireless network in extreme cold, including food processing facilities and freezers.

Constructed of entirely non-corrosive components, the NEMA 4 Enclosure is perfect for shipping and trans-modal ports and in outdoor storage yards.

Extend the LAN beyond Ethernet cabling

The LXE NEMA 4 Enclosure can be configured to accept both an access point and a wireless bridge. This allows an enterprise to effectively extend their LAN to outdoor locations that are not reached by the Ethernet cabling. The wireless bridge provides the backbone connection to a corresponding wireless bridge unit that has Ethernet access to the LAN. The co-located access point provides an 802.11 cell of coverage for connecting wireless computers to the network.

Flexible installation options

The LXE NEMA 4 is designed for easy installation on either walls or on light poles and is available in optional configurations that accommodate a variety of popular WLAN access points and wireless bridges.

To make installation even easier, the LXE NEMA 4 Enclosure, with an installed 'Power over Ethernet' enabled access point, does not require AC power.



NEMA 4 ENCLOSURE For WLAN Access Points

TECHNICAL SPECIFICATIONS

Model Number

NEMA4AM

Access Points Supported

Cisco AIR-AP352E2R-x-K9 (LXE Model 6720)
Cisco AIR-AP1220B-x-K9 (LXE Model 6730)
Cisco AIR-AP1230B-x-K9 (LXE Model 6730)
Proxim AP1000 (LXE Model 6520)
Proxim AP2000
Proxim AP600 (LXE Model 6540)

Wireless Bridges Supported

Cisco AIR-BR350-x-K9 (LXE Model 6723)
Proxim MP.11 (LXE Model 6543)

Environmental

Operating Temperature:
With heater: -22°F (-30°C) to 122°F (50°C)
Without heater: 32°F (0°C) to 122°F (50°C)
NEMA 4 rated for water intrusion

Physical

Dimensions:
22.0 in. x 13.3 in. x 4.0 in.
(559mm x 337mm x 103mm)
Weight (with LXE 6720 access point):
14.8 lbs. (6.71kg)

Electrical

120 VAC, 50-60 Hz
8 watts maximum without heater
270 watts maximum with heater
240 VAC, 50-60 Hz
9 watts maximum without heater
300 watts maximum with heater

Enclosure

Painted Aluminum for corrosion resistance
Stainless steel latches

Package Contents

Environmental enclosure
Mounting hardware for selected access point
and/or bridge
AC heater (optional)

Accessories

Access point mounting kits
Lightning surge suppression for antennas
AC Power surge suppression
Ethernet surge suppression



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