



# Waterproof grade standard for outdoor base stations



## Overview

Telecom base stations on rooftops require IP66-67 die-cast enclosures for long-term rain and EMI protection. The IP code or Ingress Protection code indicates how well a device is protected against water and dust. It is defined by the International Electrotechnical Commission (IEC) under the international standard IEC 60529 which classifies and provides a guideline to the degree of protection provided. The Ingress Protection (IP) rating, defined by IEC 60529, is the global standard that classifies the degree of protection offered by electrical enclosures. 11ac Wi-Fi standard, combined 1200Mbps Wi-Fi speed over 2.4GHz (300Mbps) and 5GHz (900Mbps), equipped Gigabit WAN port, fast Ethernet data rate make more than 100 end users can access into it to. A compact outdoor Wi-Fi 6 CPE with a powerful 16 dBi antenna, AP mode, and multiple mounting options - perfect for masts, poles, or rooftop deployments.



## Article Content

iPad Waterproof / Shockproof Case with mounting ...

Designed for the latest iPad models — including iPad Pro, iPad Air, and iPad Mini — our waterproof cases feature military-grade shockproof protection, impact ...

E-link 802.11AC 1200Mbps High Power Outdoor IP67 WiFi Base ...

HWAP80 outdoor high-power base station AP can cover a wide area of 600 meters, can easily meet the wide coverage requirements of outdoor WIFI projects, and specializes in high-power ...

Marine Power Pedestals & RV Power Pedestals

Our marine and RV power pedestals come ready to install and meet the strictest electrical requirements, ensuring reliable performance year after year. Our RV and dock power pedestals are ...

IP Rating Guide: IP67, IP68, and IP69K Explained

General outdoor equipment should achieve at least IP67 standard to handle rainfall and accidental immersion.

IP Ratings Explained | Complete Waterproof

Telecom base stations on rooftops require IP66-67 die-cast enclosures for long-term rain and EMI protection. Food processing plants demand IP69K enclosures ...

Outdoor Telecom Enclosure

These KDM enclosure models follow stringent NEMA standards and provide exceptional weatherproof, waterproof, and dustproof protection. They are ...

Outdoor Enclosures | NEMA-Rated Telecom Cabinets

Discover AZE's premium outdoor enclosures designed for superior weatherproof protection and NEMA-rated durability. Perfect for industrial equipment, electrical ...

MikroTik · Wireless Systems

Long-range outdoor CPEs with modern Wi-Fi 6 performance, rugged design, and unbeatable pricing. Available in two models (24.5 or 27 dBi), they're ideal for ...

5GHz 300Mbps Outdoor Wireless Base Station

Up to 8% cash back · In addition to excellent internal components, Pharos Series Base Stations also feature specially designed, ...

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.proton-engineering.eu>

Email: [info@proton-engineering.eu](mailto:info@proton-engineering.eu)

Phone: +1 832 471 8952

Address: 12345 Lake City Way, Suite 200, Houston, TX 77001, USA

This document is for informational purposes only. Specifications subject to change without notice.

