



M360-P Outdoor 4G LTE Cellular Router

Introduction

Proscend M360-P Outdoor 4G LTE Cellular Router is embedded in mobile broadband technology and is designed to serve Fixed Wireless Access (FWA) applications in 4G LTE networks. The M360-P features dual APN and TR69 to secure manageability for Telco's mass rollout, as well as water and dustproof housing at IP67 grade.

Equipped with high-gain directional antennas in a compact form factor, the M360-P supports up to 10 dBi radio gain in multiple bands for reliable wireless connectivity and rapid deployment at lower cost, in metropolitan and suburban areas where fixed fiber networks are not available.

Features

- Support multi-band connectivity with FDD LTE / TDD LTE / WCDMA.
- Highly reliable and secure for outdoor cellular communications.
- Embedded high-gain directional antennas against radio interference.
- Operating temperature from -20°C to +60°C for using in harsh environments.
- Waterproof and dustproof housing with IP67 grade protection.
- Secured VPN connections and encryption.
- LED indicators for connection and data transmission status.

Specifications

<p>Cellular Interface</p> <ul style="list-style-type: none"> ■ FDD LTE: B1/B3/B5/B7/B8/B20 ■ TDD LTE: B38/B40/B41 ■ WCDMA: B1/B5/B8 ■ GSM: 900/1800 MHz ■ LTE Cat4 <p>Processor & I/O Interface</p> <ul style="list-style-type: none"> ■ 1 x Micro SIM Card Slot ■ 1 x LAN 10/100 Mbps Ethernet port with passive PoE ■ 1 x Reset Button <p>Physical Characteristics</p> <ul style="list-style-type: none"> ■ Enclosure : Waterproof Shell ■ Housing : IP67 Protection ■ Dimensions (W x H x D) : 170 x 225 x 89 mm ■ Weight : 433 g (0.9546 lb) ■ Installation : Pole Mount <p>LED Display</p> <ul style="list-style-type: none"> ■ 1 x PWR status LED (Green) ■ 1 x LAN on/off LED (Green) ■ 1 x Internet status LED (Green) ■ 1 x SIM card inserted status LED (Green) ■ 1 x LTE Signal Strength LED (Green, Orange, Red) <p>Environment</p> <ul style="list-style-type: none"> ■ Operating Temperature -20 ~ +60°C ■ Storage Temperature -40 ~ +85°C ■ Ambient Relative Humidity 10 ~ 95% (non-condensing) ■ Humidity 0 ~ 95% (non-condensing) 	<p>Power Supply</p> <ul style="list-style-type: none"> ■ Power Consumption 12 Watts(Max) ■ Power Input +15V / 1A DC <p>Software</p> <ul style="list-style-type: none"> ■ Network Protocols: IPv4, IPv6, IPv4/IPv6 dual stack, DHCP server and client, Static IP, SNTP, DNS Proxy, BGP ■ Routing/Firewall: NAT, Virtual Server, DMZ, MAC Filter, URL Filter, IP Filter, VLAN, Static Routing and IPS ■ VPN: IPSec (3DES, AES128, AES196, AES256, MD5, SHA-1, SHA256), GRE, PPTP, L2TP ■ Others: QoS, SMS Action ■ Alarm: SMS, VPN/WAN Disconnect, SNMP Trap, E-mail, TR069 ■ Dual APN: Bridge Only, Router Only, Bridge+Router, Dual Router <p>Management Software</p> <ul style="list-style-type: none"> ■ Web GUI for remote and local management, CLI ■ Dual Image firmware upgrade by Web GUI ■ Syslog monitor ■ SNMP, TR069 Remote management via SSH v2, HTTPS ■ Local management via Telnet, SSH v2, HTTP/HTTPS
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Ordering Information

Model Name	Description
M360-P	IP67 Outdoor LTE CAT4 Cellular Router (LAN x 1, Micro SIM Slot x 1, CAT4 x 1, -20°C ~ +60°C)

NOTE: Features and specifications are subject to change without prior notice.