M366 Outdoor 4G LTE Cellular Router

Introduction

Proscend M366 Outdoor 4G LTE Cellular Router is embedded mobile broadband technology and designed for dual APN to integrate easily with different types of devices or gateways for lower investment and faster deployment. The M366 is suitable and flexible to use in any venue like suburban areas, public premises, offices, homes, substation, banking ATM, retail POS, and vending machine, etc.

Equipped with high-gain directional antennas, the M366 supports up to 10 dBi in multiple bands and enhances LTE signal for better performance. Built in standard 802.3at PoE PD feature, it makes the users easier to deployment. With the dual-SIM design, the M366 can connect to different telecommunication providers and automatically switch to a redundant standby network connection when the primary connection fails.

Operating temperature from -20 to +60°C, the M366 is rated as IP67 to protect from dust ingress and inclement weather in outdoor environments. By taking advantage of robust design, PoE feature, and VPN security, Proscend M366 comes with the wired and wireless communications matching outdoor use for optimal transmission and reception performance.

Features

- Support multi-band connectivity with FDD LTE / TDD LTE / WCDMA.
- Dual SIM supports failover feature.
- Highly reliable and secure for outdoor cellular communications.
- Built-in a Gigabit LAN port with 802.3at Power over Ethernet (PoE PD).
- Integrated embedded high gain antenna against radio interference.
- Operating temperature from -20°C to +60°C for using in harsh environments.
- Waterproof and dustproof housing with IP67 grade protection.
- Enhance secure VPN connections and encryption security.
- LED indicators for connection and data transmission status.

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Specifications

Processor & I/O Interface	Software
■ 2 x Micro SIM Card Slot ■ 1 x LAN 10/100/1000 Mbps Ethernet port with 802.3at PoE ■ 1 x Reset Button ■ 2 x Embedded high-gain antennas **Physical Characteristics** ■ 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 **LED Display** ■ 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) **Power Supply** ■ Power Consumption：12 Watts(Max) ■ Power Input：802.3at PoE **Environment** ■ Operating Temperature -20 ~ +60°C ■ Storage Temperature -40 ~ +85°C ■ Ambient Relative Humidity 10 ~ 95% (non-condensing) ■ Humidity 0 ~ 95% (non-condensing)	■ **Network Protocols:** IPv4, IPv6, DHCP server and client, Static IP, SNTP, DNS Proxy ■ **Routing/Firewall:** NAT, Virtual Server, MAC Filter, URL Filter, IP Filter, VLAN, Static Routing, Policy Route ■ **VPN:** IPSec (3DES, AES128, AES196, AES256, MD5, SHA-1, SHA256), GRE, PPTP, L2TP, OpenVPN ■ **Others:** DDNS, QoS, UPnP, SMS Action ■ **Alarm:** SMS, VPN/WAN Disconnect, SNMP Trap, E-mail,TR069 ■ **Dual APNs:** Two separate APNs that can be used simultaneously **Management Software** ■ Web GUI for remote and local management, CLI ■ Dual Image firmware ■ Syslog monitor ■ SNMP, TR069 ■ Remote management via SSH v2, HTTPS ■ Local management via Telnet, SSH v2, HTTP/HTTPS **Standards and Certifications** ■ EN 300 328, EN 301 908-1 ■ EN 55032/35 + EN 301 489-1/-17 ■ NCC LP002, NCC PLMNALL ■ CNS 13448, CNS 14336-1

Options of Bands

Option	4G		3G	2G	Region
	FDD LTE	TDD LTE	WCDMA	GSM / EDGE	
EU	B1, B3, B5, B7, B8, B20	B38, B40, B41	B1, B5, B8	B3, B8	Europe, Africa, Middle East, Korea, Thailand, India
AU	B1, B2, B3, B4, B5, B7, B8, B28	B40	B1, B2, B5, B8	B2, B3, B5, B8	Australia, New Zealand South Africa, Taiwan

Ordering Information

Model Name	Description
M366	IP67 Outdoor Dual SIM LTE CAT4 Cellular Router (GbE LAN x 1, 802.3at PD PoE, Micro SIM Slot x 2, CAT4 x 1, -20°C ~ +60°C)

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