OTD140

OUTDOOR 4G ROUTER

OTD140 360° VIEW

The OTD140 outdoor router features a dedicated and durable IP55 plastic housing and an integrated mounting bracket, making this outdoor 4G router easy to deploy and capable of withstanding outdoor environmental conditions. Beyond that, this outdoor router is equipped with LTE Cat 4 connectivity, compatibility with RMS for remote management capabilities, and two PoE In/Out Ethernet ports.

IP55 PIONEER
IP55 durability for outdoor deployment

CONNECTIVITY
4G LTE (Cat 4), 3G, 2G

AUTO FAILOVER
Dual SIM with auto failover and other switching scenarios

POE-IN/OUT
1x PoE-in and 1x PoE-out port

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH OTD140

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

Mobile	4G (LTE) - LTE Cat 4 150 Mbps DL, 50 Mbps UL; 3G - 21 Mbps DL, 5.76 Mbps UL; 2G - 236.8 kbps DL, 236.8 kbps UL
CPU	Mediatek, 580 MHz, MIPS 24 KEc
RAM	128 MB
Storage	16 MB
Powering options (PoE In)	RJ45, PoE In: 802.3af/at (42.5 – 57 VDC, max 21W)
PoE Out	PoE Out: 802.3af (42.5 – 57 VDC, max 15W) Alternative B
SIM	2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V
Antenna	2 x Internal antennas
Antennas specifications	1 x 698 - 960 / 1710 - 2690MHz, 50 Ω, VSWR <3.5, gain <3 dBi, omnidirectional 1 x 698 - 960 / 1710 - 2690MHz, 50 Ω, VSWR <3, gain <4.5 dBi, omnidirectional
Ethernet	2 x RJ45 ports, 10/100 Mbps: 2 x ETH ports (can be configured as WAN)
Status LEDs	3 x Mobile connection type, 3 x Mobile connection strength, 4 x ETH status LEDs
Operating temperature	-40 °C to 75 °C
Housing	Plastic (PC+ASA)
Dimensions (W x H x D)	110 x 49.30 x 235 mm
Weight	855 g
Ingress Protection Rating	IP55

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Auto APN, SIM switch, Call, SMS, USSD, Black/White list, Band management, Status, Bridge, Passthrough
Network features	Routing, Network protocols, VoIP passthrough support, Connection monitoring, Firewall, DHCP, QoS / Smart Queue Management (SQM), DDNS, Network backup, Load balancing, SSHFS
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, TR-069, MQTT, SNMP, JSON-RPC, MODBUS, RMS
VPN and tunneling	OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc
Cloud solutions	RMS, Cloud of Things, ThingWorx, Cumulocity, Azure IoT Hub

FRONT VIEW

Mobile connection strength LEDs

ETH status LEDs

ETH ports

SIM1/SIM2 slots

Reset button

Mounting Bracket

Mobile connection type LEDs