

# OTD140

## OUTDOOR 4G ROUTER



OTD140 360° VIEW

The OTD140 outdoor router boasts a robust and resilient IP55 plastic enclosure and an integrated mounting bracket, enabling straightforward deployment and ensuring it can endure various outdoor environmental challenges. Additionally, this outdoor router offers LTE Cat 4 connectivity, compatibility with RMS for remote management functionalities, and features 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	2 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

