TELTONIKA

OTD144

OUTDOOR WI-FI ROUTER

OTD144 360° VIEW

The OTD144 was designed to bring reliable Wi-Fi to outdoor environments where robust networking is essential. Built for challenging conditions, it combines LTE Cat 4 connectivity with dual SIM auto failover, built-in Wi-Fi, and two Ethernet ports – one supporting PoE-in and the other PoE-out. Its rugged IP55 housing with an integrated mounting bracket ensures simple, secure installation in the field. Powered by RutOS and fully compatible with RMS, the OTD144 also provides secure VPN, firewall, hotspot, and remote management features for complete control anywhere.

IP55
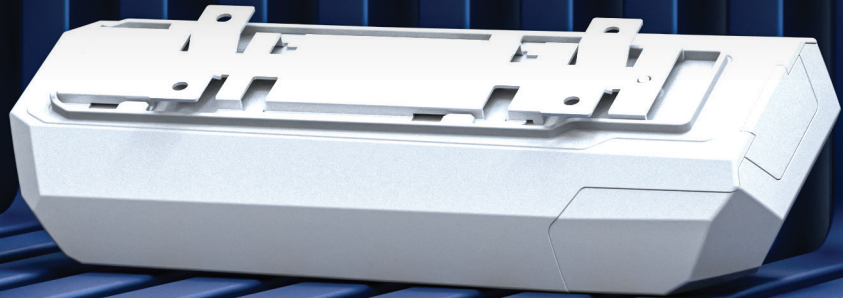Outdoor LTE Cat 4 router with integrated Wi-Fi

RUGGED DESIGN
Weather-resistant build with IP55 rating

EASY INSTALLATION
Single cable for power and data over PoE

PROFESSIONAL MANAGEMENT
Built-in VPN, hotspot, and remote management

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH OTD144

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

Mobile	4G (LTE) – LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps
CPU	Mediatek, 580 MHz, MIPS 24KEc
RAM	64 MB, DDR2
Storage	16 MB
Powering options (PoE In)	RJ45, PoE In: 802.3af/at (42.5 – 57 VDC, max 21 W)
PoE Out	PoE Out: 802.3af/at (42.5 – 57 VDC, max 15 W - power supply unit dependent)
SIM	2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V
Antenna connectors	2 x Internal for Mobile, 2 x Internal for Wi-Fi
Ethernet	2 x RJ45 ports, 10/100 Mbps: 2 x ETH ports (can be configured as WAN)
Wi-Fi	802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)
Status LEDs	3 x Mobile connection type, 3 x Mobile connection strength, 4 x ETH status LEDs
Operating temperature	-40 °C to 70 °C
Housing	Plastic (PC+ASA)
Dimensions (W x H x D)	110 x 49.30 x 235 mm
Weight	315 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	SIM switch, Status, SMS, USSD, Block/Allow list, Band management, SIM idle protection service, SIM PIN code management, APN, Bridge, Passthrough
Wireless features	Wi-Fi security, SSID/ESSID, Wi-Fi users, Wireless Connectivity Features, Wireless MAC filter, Wireless QR code generator, TravelMate
Network features	VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Ports management, Network topology, DHCP, QoS / Smart Queue Management (SQM), DNS over HTTPS, DDNS, Network backup, Load balancing, Hotspot, Hotspot 2.0, SSHFS, VRF support , Traffic Management, IGMP Proxy
Security	Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control, SSL certificate generation, 802.1x
VPN and tunneling	OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, Email, TR-069, MQTT, SNMP, JSON-RPC, RMS
Cloud solutions	RMS, ThingWorx, Cumulocity - Cloud of Things, Azure IoT Hub, AWS IoT Core
Services	BacNET, OPC UA, Modbus, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS/COSEM

FRONT VIEW

ETH status LEDs
ETH ports
SIM1/SIM2 slots
Reset button
Mounting Bracket
Mobile connection strength LEDs
Mobile connection type LEDs