

VT-LTE400 INDUSTRIAL CELLULAR ROUTER

Smart Wired/4G Failover | IPsec & WireGuard VPN | MediaTek MT76x8 Wi-Fi Engine | -40°C to +85°C

VALTORIS

Specification Parameter	VT-LTE400 Series (5-Port 4G LTE Gateway)
1. CELLULAR ENGINE & SIM SPECIFICATIONS	
Cellular Bandwidth Specification	4G LTE CAT1 (Max 10Mbps Downlink / 5Mbps Uplink)
Supported Frequency Bands	LTE-FDD: B1/B3/B5/B7/B8/B20 EGSM900 DCS1800 (EMEA & Asia Optimized)
SIM Card Architecture	Micro SIM Card (3FF), 15x12mm (3V / 1.8V compatible)
RF Antenna Interface	1 x 50Ω / SMA Female (Cellular Suction Cup) + 1 x 50Ω / SMA Female (Wi-Fi)
2. WIRED ETHERNET & WIRELESS (WLAN) LAYER	
Physical Ethernet Ports (RJ45)	5 Ports Total: 1 x 10/100M WAN + 4 x 10/100M LAN (Auto MDI/MDI-X)
WLAN Engine (2.4GHz)	MediaTek MT76x8 802.11b/g/n Wireless Engine
Advanced WLAN Topologies	Master (AP), Client, Relay, Bridge, Mesh, and 802.11r Fast Transition
3. NETWORK SECURITY, VPN TUNNELS & RESILIENCE	
Automated WAN Failover	Wired / 4G Smart Backup (Automated primary connection health monitoring)
Secure VPN Protocols	IPsec VPN Tunneling, WireGuard, L2TP
Network Management Layer	Stateful Firewall, Static Routing, Port Forwarding (NAT), DHCP/DNS, VLAN (802.1Q)
System Self-Recovery	DPD Link Monitoring (Automated VPN re-connection upon anomaly)

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4. ELECTRICAL INPUT & PHYSICAL ARMOR	
Input Power Terminals	DC 9V ~ 24V (Explicit V+ / V- 2-pin Terminal Block)
Operating Temperature Range	-40°C to +85°C (Storage: -40°C to +120°C)
Dimensions (L x W x H)	37.6 x 83.6 x 89.2 mm (Excluding DIN-Rail mounting clip)
Installation & Housing	Standard 35mm DIN-Rail, IP40 High-Strength Aluminum Alloy Armor