



IR4G-Cumulus Dual

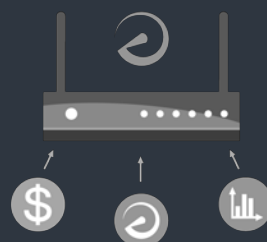


Software highlights

- IPSec and Open VPN
- Celerway Phantom VPN
- Seamless handover and load balancing
- Optional threat protection and content filtering
- Advanced and holistic quality indicators
- Quota management
- Captive portal
- Smart Queue Management (QoS)
- App-specific load balancing and handover
- Linux firewall
- Software-defined LAN/WAN ethernet ports
- Locking of LTE bands
- VMs for VPN termination

Nimbus Management

- Cloud: Kubernetes
- 2-factor authentication
- Rest-API for integration
- Mass-deployment
- Config management
- SIM management
- Statistics and reports
- Alarms and troubleshooting
- Support dashboards
- Hierarchal and group access
- GPS tracking
- Live quality status of all interfaces
- Secure access to router UI



Industries
M2M
Healthcare
IoT

IR4G Cumulus Dual is the perfect match for M2M with special need for uptime and 4G backup. 1 x 4G modem with dual SIM, 5 ethernet ports and WiFi provide resilient and reliable internet connections. Available with CAT 4 and CAT6. LTE450 is possible on request.

All VITRIKO products provide **critical infrastructures with resilient communication and high quality**, designed, developed and supported from Norway. A holistic approach to quality measurements in terms of collecting 50 + physical parameters and running innovative passive and lightweight active measurements ensure optimal and seamless load balancing and failover, also for VPN. The VITRIKO Phantom gateway ensures seamless user experience also in highly mobile scenarios.

Innovative solutions to **router activation and 2-factor authentication** prevent hijacking of routers and ensure correct and updated firmware, config and user access to routers.

The **Nimbus cloud management** provides easy mass deployment, config management, alarms, statistics, troubleshooting, GPS and real-time quality indicators on all routers and interfaces.

Highlights

- 1 x LTE Modems
- 2.4GHz WiFi (WAN and/or LAN)
- 5 x Ethernet (RJ45) ports (WAN and/or LAN)
- Up to 6 simultaneous WAN connections
- 95 Mbit/s Load Balancing capacity
- 20 Mbit/s VPN encryption

Interfaces

- 5 x 10/100 Mbps RJ-45 ports
- 1 x USB 2.0 ports
- 1 x Mini-PCIe support (with SIM card reader)
- Dual Full size SIM cards

Physical

- Operating temperature from -10 to 50°C
- Humidity: 5-95%
- Dimensions (W x H x D): 110mm x 80mm x 30mm
- Weight: 0.5 kg.
- 3 years hardware warranty

Power

Barrel, 12V, 1A

Antenna connectors

- LTE: 2 x SMA female
- WiFi (2.4 GHz): 2 x RP-SMA female



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