



# Celerway Cirrus

(CWY-M2.1-E5L2W1)

## 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
- Hierarchical and group access
- GPS tracking
- Live quality status of all interfaces
- Secure access to router UI



- Industries**
- M2M
  - Digital signage
  - Retail
  - Logistics

**Celerway Cirrus** is the perfect match for M2M, retail and logistics with special need for uptime. 2 modems, 5 ethernet ports and WiFi provide resilient and high quality broadband.

All Celerway 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 Celerway Phantom gateway ensures seamless user experience also in highly mobile scenarios. All Celerway routers can support a wide range of frequency bands, and hence simultaneous support for 2G, 3G, LTE advanced and LTE450 is possible.

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

- 2 x LTE Modems
- 2.4GHz WiFi (WAN and/or LAN)
- GPS
- 5 x Ethernet (RJ45) ports (WAN and/or LAN)
- Up to 7 simultaneous WAN connections
- 95 Mbit/s Load Balancing capacity
- 15+ Mbit/s VPN encryption

## Interfaces

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

## Physical

- Operating temperature from -10 to 50°C
- Humidity: 5-95%
- Dimensions (W x H x D): 145mm x 95mm x 30mm
- Weight: 0.4 kg.
- 3 years hardware warranty

## Power

4-pin click, 9-28V, 2A

## Antenna connectors

- LTE: 4 x SMA female
- GPS: 1x SMA female
- WiFi: 2 x RP-SMA female
- (LTE450 antennas is not included)

