Celerway Cirrus

(CWY-M2.1-E5L2W1)

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 modems, 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.

Software highlights

IPSec and Open VPN

Celerway Phantom VPN

Seamless handover and load balancing

Advanced and holistic quality indicators

Quota management

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

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, 12V, 2A

Antenna connectors

- LTE: 4 x SMA female
- GPS: 1x SMA female
- WiFi: 2 x RP-SMA