



Sagemcom F@st3893E

Next Generation High Speed DOCSIS 3.1 Cable Modem with Voice (option)



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The F@st3893E is an ultra-fast cable modem capable of delivering up to 5 Gbps Downstream and 2 Gbps upstream throughput over DOCSIS using CableLabs™ DOCSIS 3.1 OFDM/OFDMA specifications. The F@st3893E superior performance allows Cable Operators to propose multi-gigabit data services without compromising on 4K video streaming, online gaming, and multimedia applications like Cloud services. The F@st3893E supports the most up-to-date IP services applicable to residential modems, a robust SNMP agent, and remote Web GUI access.

TECHNICAL FEATURES

INTERFACES

Network

- WAN: 1 F-Type RF connector
- DOCSIS 3.1 2x2 OFDM/OFDMA
- DOCSIS 3.0 with channel bonding up to 32x8.
- Upstream Switchable diplexer 5/85MHz and 5/204MHz
- Downstream Switchable diplexer 108/1218MHz – 258-1218 MHz
- Backwards compatible to DOCSIS 1.0/2.0/3.0
- 1 Eth 100/1000/2500

Electrical

- 12v/2.0A External PSU

VOICE OVER IP (VOIP) (option)

- Multi FxS management, up-to 2 VOIP lines
- Protocol NCS, MGCP or SIP (PC 1.5 and PC2.0 supported)
- Voice codec
- G711 (64 kbps)
- G729 (8 kbps) Advanced voice supplementary services

PHYSICAL

- Dimension (L x W x H): 145 mm x 65 mm x 185 mm
- Weight (g) : 522g
- Wall Mount

ENVIRONMENTAL

- Operating Temperature: 5°C to 45°C ambient
- Storage Temperature: -25°C to 70°C a
- Relative Humidity: 5%RH – 95%RH (non-condensing)
- PSU Operating Temperature: 0°C – +40°C ambient

LEDS

- 1x Power
- 1x DOWNSTREAM
- 1x UPSTREAM
- 1x ONLINE
- 2x FXS (option)
- 1x LEDS RJ45 port: Green LED for link and activity

REMOTE MANAGEMENT

- Firmware upgrade by TFTP or HTTP
- Auto provisioning and remote configuration
- SNMP
- TR-069

CERTIFICATIONS

- CE certificate
- EMC: EN 55032, EN 55035
- FCC part 15 subpart B
- UL (E199598)
- VA-SNE
- ROHSv2

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