

## **TW-EAV510AC-LTE CAT6, 3G/4G, xDSL modem, Wifi AC, router, firewall**

**Automatic load balance between all WAN interfaces.**

Suitable for home and business and any operator connections. SIM -slot SIM size "normal" size

Internet gaming, Youtube, Netflix etc services, banking services, email, Internet surfing.

ADSL2+ and VDSL2 modem which can be used to create easily Local Area Network. Automatic ADSL2+ and VDSL2 modem, 5 x 1 Gb Ethernet, **LTE CAT 6**, Wlan access point 1200 Mbps 5 Ghz and 2,5 Ghz, Firewall. Compatibility: All OS and operators. Supports Freedom client apps on LAN side.



### **Technical specifications**

TW-EAV510 AC/LTE is an ADSL2+ and VDSL2 modem which can be used to create easily Local Area Network

- Automatic ADSL2+ and VDSL2 modem
- LTE/4G: 800/1800/2600, 3G: 900/2100
- 1600 Mbps WLAN 5 Ghz and 2.4 Ghz 802.11 b/g/n ac
- 4 x 10/100/1000 Mbps LAN port
- Firewall
- Layer 3 Load balance

### **3G/4G/LTE/5G**

- SIM normal size for 5G/4G/3G (Operator deal needed separately) if 5G module installed
- Automatic Internet if APN=Internet and PIN security disabled from SIM
- Max speed 300 Mbit/s / 100 Mbit/s
- **Supported frequency:**

**LTE-FDD:** B1/B3/B5/B7/B8/B20/B28/B32

**LTE-TDD:** B38/B40/B41

**2xCA:** B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32; B38+B38; B40+B40; B41+B41 (Note: B32 is only for secondary component carrier) WCDMA: B1/B3/B5/B8

## **LTE network max performance testing results**

### Technical details for xDSL line

#### VDSL2

- G.993.2 (VDSL2) protocol
- PTM and ATM mode including dual latency
- Both Annex A and Annex B including dual latency
- Profiles supported: 8a/b/c/d, 12 a/b, 17a, 30a, 35b
- US0
- Diagnostics mode/DELT
- Bitswaps, SRA and SOS/ROC
- FEXT equalized UPBO
- Dying gasp
- INM
- G.INP
- G.vector
- Virtual Noise

#### ADSL protocols

- G.992.5 (ADSL2+), G.992.3 (ADSL2), G.992.2 (G-lite), G.992.1 (G.DMT)
- ANSI T1.413
- ATM/PTM mode
- Annex A/L/M
- L2 power management
- Diagnostics mode/DELT
- Bitswaps and SRA
- INM
- PhyR and G.INP (framing type 1)
- Virtual noise

#### VPN

- PPTP, L2TP, OpenVPN, IPSec