

MAGIC V+

Telsey MAGIC V+, thanks to its VDSL2 cutting edge technology, is the Home Gateway answering to the evolution of broadband operators' offer in order to support high demanding bandwidth services like new IP High Definition TV, enhancing at the same time the customer experience on 3 or 4 play services.

More IP Set Top Boxes can be connected to the Ethernet ports providing simultaneous IP TV services in the house of the end users who enjoys, at the same time, of fast internet services or gaming application on the PCs connected via Ethernet, USB or Wi-Fi, while VoIP over WLAN grants Fixed to Mobile convergence services.

The support of a smart card reader gives a more flexible opportunity for the massive deployment of such device, elevating the plug and play experience of the end users thanks to the TR-069 and UPnP supported features.

KEY FEATURES

- >> Integrated VDSL2/ADSL2+ modem/router
- >> Four Ethernet Ports
One USB 1.1 client port
One USB 2.0 master port
- >> Integrated IEEE 802.11b/g access point
- >> GoS Management
- >> VoIP over WLAN
- >> Remote management through TR-069 joined with a smart card reader, integrated web page, Telnet, TFTP, DHCP, SNMP and UPnP.

BENEFITS

- >> The support of an integrated VDSL2 modem/router overcomes the bandwidth bottleneck for the simultaneous deployment of High Definition IPTV services within the end user's home. ADSL2+ modem/router capabilities allow Operators to deploy one multimode device for each xDSL technology used to reach end users.
- >> The superior Layer 3 routing features allow Service Providers to efficiently deliver through existing telephone lines innovative multimedia services such as IPTV, VoIP, fast internet surfing, gaming on demand and e-learning within the domestic environment.
- >> Wireless Home LAN gives customers full mobility inside the house, thus avoiding new cabling. The device is ready for MIMO-G Beamflex™ (supported by MAGIC V+BF)
- >> Provides excellent Quality of Service into bundled Voice, Data and Video service environment.
- >> Enables Fixed to Mobile convergence Services
- >> Make mass market deployment easy and quick



TECHNICAL CHARACTERISTICS

BROADBAND INTERFACE

- > Integrated **VDSL2** modem router compliant with:
 - ITU G.993.2
 - EFM encapsulation (TR-101: Ethernet Based DSL aggregation) with VLAN support
 - LLC/SNAP for bridged/routed PDU's (RFC 2684, RFC 1483)
 - PPPoE (RFC 2516) , PPPoA (RFC 2364)
 - IpoA
 - MER (a.k.a IP over Ethernet over AAL5)
 - User authentication PAP (RFC 1334) and CHAP (RFC 1994)
- > Integrated **ADSL/ADSL2/ADSL2+** modem router (Optional) compliant with:
 - ANSI T1.413 I2
 - ITU Automode
 - G.992.2.G.Lite
 - G.992.1 Annex A and B - G.dmt
 - G.992.3 (ADSL2)
 - G.992.5 (ADSL2+)
 - Up to 8 PVC UBR, VBR, CBR

DATA

Domestic LAN Interfaces	<ul style="list-style-type: none"> > 4 Ethernet port switch 10/100 BaseT half/full duplex autonegotiating. RJ-45 connectors > 1 USB 1.1 device connector > 1 USB 2.0 client port 	
Layer 3	<ul style="list-style-type: none"> > NAT/ PAT (RFC 1631) > RIPv2 > Static Routing > Firewall 	
QoS	<ul style="list-style-type: none"> > ATM and IP QoS management support > VLAN 802.1p, 802.1q > Port Mapping support between PVCs and Ethernet ports 	
Other	<ul style="list-style-type: none"> > DHCP client/server > TFTP client > Supports IGMP snooping (RFC 1112) > UPnP 	
WLAN Access Point	<ul style="list-style-type: none"> > IEEE 802.11b, IEEE 802.11g > QoS 802.11e <ul style="list-style-type: none"> - WME, WMM - Support of RTS/CTS protection mechanism - EDCF and HCF supported > Security 802.11i <ul style="list-style-type: none"> - WEP - WPA - MAC filtering 	<ul style="list-style-type: none"> > Multiple SSID > VoIP over WLAN supported > Ready for MIMO-G Beamflex™ (supported by MAGIC V+ BF) > Registration button

MANAGEMENT

- > Integrated Web Server
- > DHCP Client/ server
- > TFTP client
- > Telnet
- > TR-069

POWER SUPPLY

- > 12 Vdc +/- 15%, 10 W
- > AC/ DC adapter 230 Vac, 50 Hz or 110 VAC, 60 Hz provided

PHYSICAL DIMENSIONS

- > Width 190 mm; Depth 140 mm; Height 38 mm
- > Wall mountable

ENVIRONMENTAL CONDITIONS

- > Operation temperature: 0 - 50° C
- > Storage temperature: 0 - 70° C
- > Humidity: 85% (non condensing)

Disclaimer

All statements, technical information and recommendations contained in this documentation have been carefully checked for reliability; however no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.