

TAKE OFF

Telsey Take Off is an ADSL2+ Home Gateways setting a new reference for broadband operators who provide multiple data, VoIP, IP TV, FMC, gaming and security services to residential and business customers.

Based on an innovative Wi-Fi 802.11 b/g MIMO approach with internal antennas, it allows beating the barrier of home cabling inside the house for IP TV streaming.

KEY FEATURES

- >> Integrated ADSL2+ modem router
- >> 4 Ethernet RJ-45 ports
 - 1 USB master port
 - 1 USB slave port
- >> IEEE 802.11b/g access point with internal multiple antennas
- >> QoS management
- >> Remote Management and Upgrade through TR-069, Telnet, SNMP, TFTP, Web interface
- >> UPnP and Wireless Protected Set up

BENEFITS

- >> All in one solution ADSL2+, data and Wi-Fi
- >> The superior layer 3 routing features allow service providers to efficiently deliver through existing telephone lines innovative multimedia services such as IP TV, VoIP, fast Internet surfing, gaming on demand and e-learning within the domestic environment.
- >> Using multiple antennas to transmit and receive, IP TV can be streamed through Wi-Fi inside the house, beating the barrier of ethernet cables. Moreover FMC services are enabled. The internal antennas make the device more appealing.
- >> Provides excellent Quality of Services in a bundled voice, data, gaming and video services environment.
- >> Make mass deployment easy and quick.
- >> Connecting Consumer Electronic and Wi-Fi devices is easy and quick, allowing multisharing contents inside the house.



*The 'Wi-Fi CERTIFIED' logo is a certification mark of the Wi-Fi Alliance
The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance

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TECHNICAL HIGHLIGHTS

BROADBAND INTERFACE

ADSL/ADSL2/ADSL2+	<ul style="list-style-type: none"> >> ANSI T1.413 I2 >> ITU Automode >> G.992.2 G.Lite >> G.992.1 Annex A/Annex B - G.dmt >> G.992.3 (ADSL2) >> G.992.5 (ADSL2+) Annex M and Annex L >> UBR, CBR, rtVBR, nrtVBR >> OAM (F4/F5) supported 	<ul style="list-style-type: none"> >> Up to 16 PVC >> LLC/SNAP for bridged/routed PDU's (RFC 2684, RFC 1483) >> PPPoE (RFC 2516); PPPoA (RFC 2364) >> User authentication PAP (RFC 1334) and CHAP (RFC 1994) >> IPoA >> Bridge >> MER (VCMUX, LLC/SNAP-Bridging)
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DATA

Domestic LAN Interfaces	<ul style="list-style-type: none"> >> 4 Ethernet 10/100 BaseT half/full duplex autonegotiating, RJ-45 connectors >> 1 USB 1.1 slave port type B receptacle >> 1 USB 2.0 master port type A receptacle 	
Layer 3	<ul style="list-style-type: none"> >> NAT/PAT (RFC 1631) >> Static Routing >> RIPv2 >> Parental Control 	
Firewalling	<ul style="list-style-type: none"> >> Access Control List >> Packet filtering >> Application content filtering 	<ul style="list-style-type: none"> >> Stateful inspection >> DMZ support >> Defence against Denial of Service attacks
IP VPN	<ul style="list-style-type: none"> >> Encryption algorithm: DES, 3DES >> Authentication algorithm : MD5 , SHA-1 >> Encapsulation Security Payload (ESP) 	<ul style="list-style-type: none"> >> Authentication Header (AH) >> Key Management : IKE, Manual, Pre-shared Keys
QoS	<ul style="list-style-type: none"> >> ATM and IP QoS supported. 	
Other	<ul style="list-style-type: none"> >> DHCP server >> TFTP client >> Syslog client 	

DATA

WLAN Access Point	<ul style="list-style-type: none"> >> 3 integrated antennas, 1 for TX, 2 for RX allowing IP TV streaming inside the house >> IEEE 802.11b, IEEE 802.11g >> QoS 802.11e <ul style="list-style-type: none"> >> WME, WMM >> Support of RTS/CTS >> VoIP over WLAN 	<ul style="list-style-type: none"> >> EDCF and HCF supported >> Security 802.11i <ul style="list-style-type: none"> >> WEP64 / WEP128 >> WPA / WPA2 >> MAC filtering >> WPS supported with registration button
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MANAGEMENT

<ul style="list-style-type: none"> >> TR-069 >> Remote Telnet console >> SNMP 	<ul style="list-style-type: none"> >> Integrated Web Server >> Upgradeable via TFTP >> Reset Button
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POWER SUPPLY

<ul style="list-style-type: none"> >> 12 VDC, with external power adapter 230 Vac, 50 Hz >> Switch on-off button
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PHYSICAL DIMENSIONS

<ul style="list-style-type: none"> >> Width 190mm ; Depth 140mm ; Height 34mm ; Weight 500gr. >> Wall mountable

ENVIRONMENTAL CONDITIONS

<ul style="list-style-type: none"> >> Operation temperature : 5 - 45° C >> Storage temperature : -5 - 55° C 	<ul style="list-style-type: none"> >> Humidity : 85% (non condensing)
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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.