MediaAccess TD5136 v2
Wireless n ADSL2+ Gateway

TELECOM

DATA

Faster, Farther

Home networking experience will definitely change with the Technicolor TD5136 v2. With an improved coverage and throughput compared to any 11b/g or 1x1 11n access point, the TD5136 v2 multiplies the bandwidth up to 270 Mbps and improves the link stability, coverage and coexistence with other access points in the neighbourhood.

High-Performance Router

The TD5136 v2 is a high-performance router: with a simultaneous operation of 802.11b/g and 802.11n (2x2), speed and stability are guaranteed.

Featuring an integrated four-port Fast Ethernet switch, the TD5136 v2 offers seamless connection of wired and wireless devices from anywhere in the home.

The integrated modem supports ADSL, ADSL2, and ADSL2+.

Features at a Glance

- Integrated ADSL2+ modem
- 4 FE LAN ports to connect multiple devices such as PCs, laptops, set-top boxes...
- Wireless networking on-board: 802.11b/g/n 2x2 (2.4 GHz)
- 3G mobile WAN connection via USB adapter
- Supports up to 4 virtual wireless access points
- 1 USB 2.0 master port for hard disk, printer, 3G adapter...
- Remotely manageable: TR-069
- Built-in firewall
- IPv6 enabled

Wi-Fi CERTIFIED

Wi-Fi PROTECTED SETUP

UPnP AV

CERTIFIED HI-SPEED USB

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Highest Security

The TD5136 v2 supports powerful wireless security mechanisms, such as Wi-Fi Protected Access (WPA2). This allows users to communicate and access data with efficient link quality and the highest level of network security.

The embedded firewall also guarantees users the ultimate level in network security. Through integration with Network Address & Port Translation (NA(P)T), the firewall leverages all the Application Layer Gateways (ALGs) provided in the NA(P)T context to minimize undesired service impact.

The support of multiple SSIDs in the gateway enables support for up to four independent wireless access networks. These additional wireless networks allow other wireless users to enjoy high-performance access without compromising the integrity of the basic network, thus keeping the original network access limited and secure.

Easy to Use

Like all Technicolor modems and gateways, the TD5136 v2 is an easy-to-use, easy-to-install gateway.

For instance, the easy-to-access LEDs provide a clear indication of start-up sequence and connectivity status. Additionally the TD5136 v2 boasts a user-friendly GUI that allows direct access to the status and settings, including privacy and security information.

With Wi-Fi Protected Setup (WPS) users can easily connect with the TD5136 v2 wireless network by simply pushing a button or entering a PIN code. It allows home users to easily connect to a secure network without any complex configuration and eliminates the need to remember or store their security information in an unsafe way.

Easy to Manage

The TD5136 v2 offers best-in-class TR-069 interoperability with main ACS vendors and even completes the standard with proprietary vendor extensions to increase the range of functionality available.

TR-111 (Part 1 Device-Gateway Association, DHCP option 125) support allows simple management of LAN devices connected to the gateway.

IPv6 Enabled

With the approaching IPv4 address pool depletion, our products need to be ready for IPv6. Technicolor is a frontrunner in the introduction of IPv6 on its devices, with the TD5136 v2 being enabled for multiple IPv6 field scenarios. Internet Protocol version 6 is the next generation of Internet technologies aiming to effectively support the ever-expanding Internet usage and functionality, and also to address security concerns that exist in an IPv4 environment.

Technicolor aims to introduce IPv6 as smoothly as possible in customer networks. By providing in-depth knowledge of the networking stack, we guide our customers in their transition from IPv4 to IPv6.

ECO

Technicolor offers its customers environmentally friendly products. In addition to carefully selected plastics and packaging to minimize the ecological footprint, the TD5136 v2 benefits from a unique combination of hardware and software features that reduce power consumption substantially.

Professional Services

To reinforce our extensive portfolio of digital home solutions, Technicolor has a dedicated Professional Services team to make sure that every deployment is a success, from initial provisioning and integration to operations, upgrades, ongoing support and beyond.

Our wide array of services spans the entire customer project lifecycle, encompassing:

- Expert consulting
- Seamless system integration
- Warranty on all our products
- Qualified technical support and maintenance
- Efficient repair, refurbishment and recycling

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Technical Specifications

Hardware Specifications

■ Interfaces WAN	RJ-11 DSL line port (ADSL2+)
■ Interfaces LAN	4-port autosensing 10/100Base-T auto-MDI/MDI-X Ethernet switch
	Wi-Fi IEEE 802.11b/g/n on board
	1 USB 2.0 master port
■ Extras	WPS button
	Reset button
	Power button
■ AC Voltage	100-240 VAC (switched mode power supply)
■ Dimensions	160 x 150 x 31 mm (6.3 x 6.0 x 1.25 in.)
■ Temperature	0° - 40° C (32 - 105° F)
■ Humidity	20% to 80%

DSL Modem Specifications

■ Supports multi mode standards	
■ ADSL compliancy	ANSI T1.413 Issue 2,
	ITU-T G.992.1 Annex A (G.dmt),
	ITU-T G.992.2 Annex A (G.lite),
	ITU-T G.994.1 (G.hs)
	Maximum rate: 8 Mbps for downstream and 1 Mbps for upstream
■ ADSL2 compliancy	ITU-T G.992.3 Annex A, L, M (G.dmt.bis),
	ITU-T G.992.4 Annex A, L, M (G.lite.bis)
	Maximum rate: 12 Mbps for downstream and 1.5 Mbps for upstream
■ ADSL2+ compliancy	ITU-T G.992.5 Annex A, L, M
	Maximum rate: 24 Mbps for downstream and 3 Mbps for upstream
■ Supports Dying Gasp (optional)	

Wireless Performance and Security

- ■ Wi-Fi IEEE 802.11b/g/n 2.4 GHz access point, Wi-Fi Certified®
- ■ WPA™-Personal / WPA2™-Personal, WEP™
- ■ Wi-Fi Multimedia (WMM®)
- ■ Wi-Fi Protected Setup (WPS™)
- ■ Up to 4 BSSIDs (virtual AP) support
- ■ Security and service segregation per SSID
- ■ Dynamic rate switching for optimal wireless data rates
- ■ RX/TX switched diversity
- ■ 2x2 streams
- ■ Manual/auto radio channel support

Management

- ■ User-friendly GUI via HTTP and HTTPS
- ■ Command Line Interface (CLI) over telnet
- ■ TR-069 CPE WAN Management Protocol
  - TR-098 Internet Gateway Device Management
  - TR-111 home network device management (Part 1 Device-Gateway Association, DHCP option 125)
- ■ Software upgrade via Web GUI

Services

- ■ Printer sharing
- ■ 3G mobile WAN connection via USB adapter
- ■ URL- and content-based (optional) website filtering
- ■ Content sharing   Samba file server
- ■ Supported HDD file systems: FAT32, NTFS, EXT2, EXT3, HFS+ (optional)
- ■ Dynamic DNS

Security

- ■ Stateful Packet Inspection Firewall (SPIF)
- ■ Customizable firewall security levels
- ■ NAT firewall
- ■ Intrusion detection and prevention (DoS, SYN Flood, Ping of Death, Fraggle, LAND, Teardrop,...)

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Technical Specifications

Enabling Technologies

- Quality of Service: ATM, Ethernet, Wi-Fi, IP
- Game and application sharing NAT Portmaps
- "SIM-lock" provider locking
- DHCP conditional serving & relay, DNS server & relay
- IGMP v1 / v2 support
- IEEE 802.1q VLAN bridging, Multiple bridge instances
- UPnP™ support: enables game technologies (PS2, XBox live, DirectPlay, ...) and conferencing functions of Microsoft Messenger
- Dual stack, DS-Lite and rd6 support
- IPv6 enabled

IPv6 Networking

- IPv4 / IPv6 dual IP stack
- Supported models   PPP(oE)(oA) – IPoE(oA)
- Transitioning   6rd/6to4/6in4
      DSLite
- Stateful connection tracking / stateful inspection firewall
- DHCPv6   Stateful/stateless DHCPv6 client
      Stateless DHCPV6 server
      Relay
      Prefix Delegation
- DNS v4/v6 Proxy
- ULA
- ICMPv6
- IPv6 Quality of Service
- MLDv1/v2

Content of the Box

- Wireless n ADSL2+ Gateway
- DSL cable (RJ-11)
- Ethernet cable(s) (RJ-45)
- Power supply unit
- Safety and regulatory booklet
- Filter(s) or splitter(s) (optional)

Technicolor TD5136 v2 back panel

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