

ST608WL

Wireless ADSL Business Router



On January 27th 2010, Thomson changed its company name to Technicolor. All product data sheets, including those for products which still carry the Thomson name, now reflect our new Technicolor brand.

TELECOM

DATA

The Ideal Companion for Branch-offices, Teleworkers or Call Center Agents

Flexible Solution

Specially designed for SMEs and SOHOs, the Technicolor ST608WL offers plenty of possibilities. With easy installation, with Wi-Fi 802.11b/g on-board, an embedded firewall, IP VPN, and remote management, the Technicolor ST608WL is a highly cost-effective and secure option.

This Business Plug and Play router is the ideal solution for connecting branch-offices, teleworkers or Call Center Agents back to the main office.

Security

Everyone knows about hackers and the dangers they can pose to businesses. The Technicolor ST608WL has a built-in ICSA-certified stateful firewall that denies all unauthorized access.

End-users, equipment retailers or ISPs can configure this powerful firewall for a broad range of security policies and requirements. Attacks are stopped in the router and a log of attempted breaches of security is kept for audit purposes. The Technicolor ST608WL keeps you safe from security violations.

Remote sites, Teleworkers or Call Center Agents can be securely connected at low cost with IPSec, scalable through Public Key Infrastructure (PKI). When the DSL line fails, connectivity remains assured using the integrated ISDN back-up functionality.

With a PPP-client, firewall, and an IP VPN client embedded in the router, the Technicolor ST608WL is the ideal low-maintenance option.

Features at a Glance

- 4 Ethernet ports
- Wi-Fi 802.11b/g on board
- IP VPN and Remote Management
- Embedded firewall for enhanced security
- Easy to install and use

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Easy Installation

The Technicolor ST608WL is incredibly easy to install and use. Thanks to the integrated PPP-client, there is no software to be installed on your PCs. The setup wizard guides you through the configuration to give you a secure teleworking solution.

Plug the router into an ADSL line and you're ready to connect to your main site.

Reduced Cost

Operating a helpdesk is a costly business. With the Technicolor ST608WL router, this cost is drastically reduced. Our whole range of DSL routers have been designed to reduce your Total Cost of Ownership (TCO). As there is no need to install software, OS upgrades are trouble-free and the PC environment remains stable.

Office Networking

This gateway is the ideal solution for business offices where there is an urgent need to share access along with other colleagues. All users will appreciate the fact that PCs, PDAs and other devices can instantly connect to the Internet through a single hi-speed ADSL point.

Just a few clicks, and you can have a complete, secure and reliable office network.

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Technical Specifications

Hardware Specifications

- Interfaces LAN 4 ports 10/100Base-T (RJ45) with auto MDI/MDI-X
Integrated Wi-Fi 802.11 b/g: Guest hot spot functionality (multi-SSID), WEP, WPA Enterprise (802.1x, RADIUS), Wireless Distribution System (WDS), wireless association button
Serial port
- Interfaces WAN DSL line RJ11 for ADSL-ADSL2-ADSL2+/POTS or ADSL-ADSL2-ADSL2+/ISDN
Integrated ISDN S0 interface: multi-link PPP, Band width Allocation BAP/BACP, Calling Line Identification CLID/CLIP/CLIR, CBCP
- Extensions USB2.0 host
PCMCIA / Card bus
- Physical Specifications 3.5 x 24 x 18.5 cm / 1.38 x 9.39 x 7.29 in. (h x w x d)
- Temperature 0° to 40° C (32° to 105° F)
- Humidity 20% to 80%
- AC voltage 100 to 120 V AC, 220 to 240 V AC
- Frequency 50/60 Hz

DSL Modem Specifications

- Supports Multi Mode Standard
- ADSL compliance ANSI T1.413 Issue 2, ITU-T G.992.1 Annex A, B (G.dmt), ITU-T G.992.2 Annex A, B (G.lite), ITU-T G.994.1 (G.hs)
Maximum Rate: 8 Mbps for downstream and 1 Mbps for upstream
- ADSL2 compliance ITU-T G.992.3 Annex A, B, L, M (G.dmt.bis), ITU-T G.992.4 Annex A, B, L, M (G.lite.bis)
Maximum Rate: 12 Mbps for downstream and 1.5 Mbps for upstream
- ADSL2+ compliance ITU-T G.992.5 Annex A, B, M
Maximum Rate: 24 Mbps for downstream and 3 Mbps upstream
- Supports dying gasp

Services

- Bridging, VLAN (802.1q / p)
- IP Routing: multi-port router (up to 16 PVCs), DiffServ IP QoS, TCP-aware QoS Enhancement
- NAT/PAT, multi-NAT, transparent NAT
- DHCP: Server and client, spoofing
- BOOTP client
- DNS Server and Relay, Dynamic DNS
- Stateful firewall certified (Corporate Category) by ICSA, Intrusion detection, Denial-of-service attack detection and prevention, DMZ
- WAN protocol model Routed PPPoE/PPPoA
Relayed PPPoA and DHCP-to-PPP spoofing
Bridged Ethernet/Routed Ethernet
Classical IPoA and IPoE
- IP VPN certified by ICSA IPsec with Public Key Infrastructure (PKI), online and offline PKI enrollment
Encryption AES, DES, 3DES
Hashing HMAC, MD5, SHA1
Support for redundant servers and for automatic address allocation
IP VPN Tunnels

	Basic	Advanced*
Incoming tunnels	2	4
Outgoing tunnels	1	4

* Software Key Activation

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Technical Specifications

Wireless Performance and Security

- IEEE 802.11b/g access point
- Wi-Fi® CERTIFIED*
- WEP™, WPA™-Personal / WPA2™-Personal certified*
- Wi-Fi Multimedia - WMM™ certified*
- Wireless Protected Setup (WPS certified*)
- Up to 4 SSID support
- Security and service segregation per SSID
- Dynamic rates switching for optimal wireless rates up to 130 Mbps
- Manual/auto radio channel support

Firewall Security

- Stateful Packet Inspection Firewall
- Customizable Firewall Security Levels
- Intrusion Detection and Prevention (DoS, SYN Flood, Ping of Death, Fraggle, LAND, Teardrop, etc.)
- Website URL Filtering
- DMZ

Installation

- Installation wizard (customizable per operator), installing both the wireless and fixed Ethernet network and ADSL router

Management

- OS independent
- Fully configurable via user-friendly web-based interface supporting 8 languages, accessible via HTTP and HTTPS/SSL
- Command Line Interface fully available both in menu-mode or in text-mode
- Telnet access to router
- SNMPv1 with MIB II
- Windows XP UPnP presentation and discovery
- Configuration and Software back-up & restore
- Software upgradeable with 2 software images (fail-safe remote upgradeable and easy roll-back)
- UPnP NAT Traversal



ST608WL back panel

* Wi-Fi CERTIFIED™ is a registered certification mark and WPA™, WPA2™, WPA™-Personal, WPA2™-Personal, and WMM™ are trademarks of the Wi-Fi Alliance

Technicolor Professional Services are available to address your demands for qualified technical support & warranty, product maintenance, access to training courses and tailor-made solutions to specific product evolution. For more information, please ask your usual contact person.

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