

TG585n

Wireless-n Multi-User
ADSL2+ Gateway

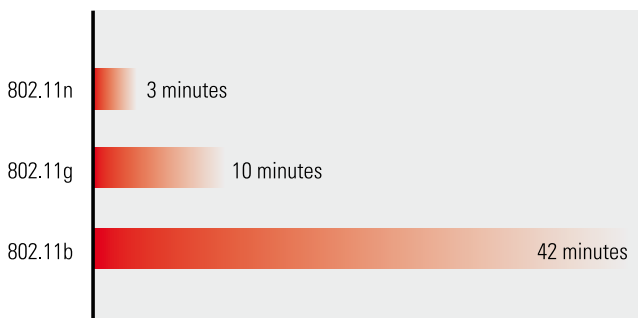


On January 27th 2010, Thomson changed its company name to Technicolor. All product data sheets, including those for products which still carry the Thomson name, now reflect our new Technicolor brand.

TELECOM	
	DATA
	VOICE
	VIDEO

Faster, Farther

Home networking experience will definitely change with the Technicolor TG585n. Up to twice the range and 3 times faster than 802.11g, the Technicolor TG585n enables real time multimedia content streaming over WiFi network every where in the house.



Faster transfer rate and time.

The Technicolor TG585n is an 802.11b/g/n wireless LAN access point with integrated ADSL. Featuring an integrated 10/100Mb/s 4-port switch, the Technicolor TG585n offers seamless connection of wired and wireless devices from anywhere in the home.

The Technicolor TG585n lets you share files, printers, and a single broadband ADSL Internet connection with unmatched performance and security, whilst preserving the flexibility and features of a fully fledged professional routing engine.

The integrated modem supports ADSL, ADSL2, and ADSL2+. With a simultaneous operation of 802.11b, 802.11g and 802.11n, speed, security and performance is guaranteed. When using 802.11n components, you can transfer data at up to 150Mb/s (three times the speed of older 802.11g wireless networks), and still connect to existing 802.11b/g products.

Features at a Glance

- ADSL2+ with integrated modem
- Wireless networking on board: 802.11n
- 4 Ethernet ports to connect to PCs, settop box, LAN
- Remotely Manageable: TR-069, TR-104, TR-098, TR-111
- Built-in firewall



TG585n

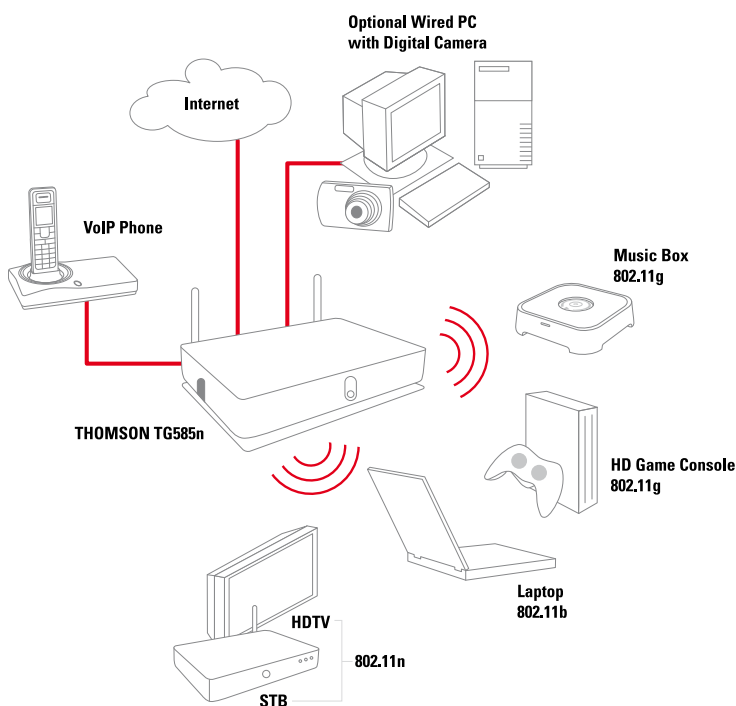
Wireless-n Multi-User
ADSL2+ Gateway

Security

The Technicolor TG585n supports powerful security mechanisms such as Wi-Fi Protected Access (WPA™), Wired Equivalent Privacy (WEP™) encryption, and a physical user registration button, which allow users to communicate and access data with efficient link quality and the highest level of network security.

The Technicolor embedded firewall guarantees users the ultimate level in network security. Through integration with Hyper-NAT, the firewall leverages all the ALGs provided in the Hyper-NAT context to minimize undesired service impact.

The firewall provides stateful inspection of packets, and an integrated Denial of Service (DoS) engine monitors a wide range of attack patterns, and logs potential security breaches to a local cache or remote server.



Easy Installation through Outstanding Home Install Wizard

Technicolor's Wireless Home Install Wizard makes setting up a home wireless network as easy as Ethernet, thereby drastically reducing helpdesk calls. This unique and robust mechanism configures your Technicolor's TG585n ADSL2+ access point and automatically installs your wireless network clients from a single CD.

The CD installation wizard performs comprehensive system checks before and during the installation process, and validates all user inputs. This guarantees the end-user a secured wireless connection (using WEP or WPA) to the Internet. Installing a Home Network has never been so easy!

Beside the smooth and comprehensive installation for a secure wireless broadband connection, the CD installation wizard assists the end-user in plugging in all cables and this in multiple languages. Furthermore, the CD Home Installation

Wizard can come in any flavor upon customer request. Moreover, the Technicolor TG585n provides not only an HTML install wizard for setting up broadband and WiFi access, but also automatically detects intercepts in traffic and connection loss.

Easy to Manage

The Technicolor TG585n is completely designed according to the TR-069 Data Model, through which the device can be configured remotely.

TR-037 and TR-069 enable auto-configuration of network bandwidth according to service needs, allowing seamless integration with the network's provisioning system.

TG585n

Wireless-n Multi-User
ADSL2+ Gateway

Technical Specifications

Hardware Specifications

- Interfaces LAN Wireless standards: IEEE 802.11b, 802.11g and 802.11n
4 x Ethernet (RJ45) ports (10/100BaseT HD/FD)
- Interfaces WAN ADSL (RJ11) for ADSL/POTS and ADSL/ISDN
LED indicators for all interface ports
- Housing standing and wall-mountable design (optional foot)
- Temperature 0-40 C (32-105F)
- Humidity 20% to 80%
- AC Voltage 100-120VAC/220-240VAC, 50-60Hz
IEEE 802.11g: Minimum 12 dBm typically

ADSL Modem Specifications

- ADSL 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 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+ ITU-T G.992.5 Annex A, B, M
Maximum Rate: 24 Mbps for downstream and 3 Mbps upstream
Indoor:
50 - 200 meters (line of sight)

Wireless Performance

- IEEE 802.11b/g/n 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

Security

- ICSA grade security service
- Embedded Firewall
- 802.1x/PSK WPA (WPA-PSK)
- 64/128bit WEP encryption
- Wireless client registration/access control (with physical push button)
- SSL, SSH

* UPnP™ is a certification mark of the UPnP™ Implementers Corporation

** Wi-Fi CERTIFIED™ is a registered certification mark of the Wi-Fi Alliance

TG585n

Wireless-n Multi-User
ADSL2+ Gateway



Technical Specifications

Services

- HTTP redirect for event notification
- Quality of Service (QoS): ATM, Ethernet, IP

Management

- Service Web GUI via HTTP and HTTPS
- (Wireless) Home Network Install Wizard
- Web-based Easy installation (OS independent)
- On demand Remote Management
- TR-069 Remote Manageable
- Command Line Interface (CLI) via Telnet
- Eventlog
- SW upgrade From remote management station
Through Easy SW upgrade Wizard

Data Features

- Bridging/Relay Ethernet / PPPoE
- Relay PPPoX to PPTP relay
PPPoX to DHCP relay
- Routing PPP over Ethernet (PPPoE)
PPP over ATM (PPPoA)
Classical IP (CIP)
Ethernet over ATM (ETHoA)
- Connection sharing with Hyper-NAT
- Stateful Firewall
- UPnP* support: enables game technologies (PS2, Xbox live, Direct Play, ...) and conferencing functions of Microsoft Messenger
- DHCP and DNS server, client and relay
- NAT/PAT support

Supported Languages

- English, French, Spanish, Italian, German, Dutch, Portuguese, Swedish

Certifications

- CE, FCC, UL
- Radio regulations US: FCC part 15.247, 15.205, 15.209
Europe: ETS 300 328

Content of the Box

- Wireless-n ADSL Gateway
- Power Adapter
- Ethernet (RJ45) and telephone (RJ11) cable
- Setup CD and leaflet
- Jig, screws and plugs for wall mounting
- Foot and inlay (optional)
- Filter(s) or splitter(s) (optional)



TG585n backpanel

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.

TECHNICOLOR WORLDWIDE HEADQUARTERS

1, rue Jeanne d'Arc
92443 Issy-les-Moulineaux France
Tel. : 33(0)1 41 86 50 00 - Fax : 33 (0) 1 41 86 58 59

www.technicolor.com

SALES CONTACT

For more information please get in touch with your usual sales representative or use the following email:

telcosales@technicolor.com

technicolor



© Copyright 2010 Technicolor. All rights reserved. Photos and specifications subject to change without notice. All trade names referenced are service marks, trademarks, or registered trademarks of their respective companies.
DS-030-v01-1001