



Voice, Fax and data access platform for home or office

The Calyptech CWG-100 is the ideal solution to access 3G wireless voice and broadband data services for customers that need a flexible home or office Telephone, Fax and Broadband service.

Using the CWG-100 connected to the wireless network infrastructure, your customers can experience an outstanding level of service and performance.

The Calyptech CWG-100 is a flexible, modular architecture that can be tailored to your needs, with Telephone, Fax, Wi-Fi and LAN interfaces, it offers a fully integrated gateway solution for the wireless network.

The CWG-100 connects customers who require voice/ data services in home or office environments to the 3G wireless network infrastructure. The CWG-100 is the ideal solution for caravans, camping, boats or any context where a mobile access gateway element is required to connect to the wireless network to provision a telephone, Fax and broadband service.

Offering Telephone, Fax, Broadband LAN and Wi-Fi (802.11b/g) interfaces, the CWG-100 becomes a standalone gateway to the services offered by wireless GSM and 3G network infrastructures. The CWG-100 also offers a GPS feature; giving added flexibility for mobile installations and vehicle tracking.

Multiple CWG-100 units may be managed using a central server (TR-069 WAN Management Protocol), offering automatic software upgrade, with alarm and monitoring facilities.

The CWG-100 is the complete solution for your home or office deployments needs.

Features

- Tri-band WCDMA 850/1900/2100
- Quad-band GSM 850/900/1800/1900
- HSDPA, category 8, up to 7.2 Mbps (downlink); HSUPA, category 5, 2 Mbps (uplink, upgradeable to 5.76 Mbps)
- Wi-Fi 802.11 b/g
- Separate Telephone and Fax interfaces, 5 REN
- Short Messaging Service (SMS)
- Facsimile Group 3, 9.6 kbps, 14.4 kbps
- Single USB 2.0 port (Print Server and Mass Storage)
- Two Port Ethernet Switch (RJ45)
- Software auto update
- Remote Management capability
- Provision for external antenna connection, 3G diversity
- Router, Network Address Translation
- TR-069 CWG WAN Management protocol support

Technical Specification Summary

General

Dimension (H x W x D):	31mm x 130 mm x 177mm
Weight:	410g
Unit power input:	18VDC (nominal)
Power consumption:	8 W (average)

Operating Temperature:	0°C to +50°C
Operating humidity:	5 to 95% relative
Storage Temperature:	-20°C to +70°C
Storage humidity:	-20 to 70%
SIM-card:	Standard USIM, 3V

Compliance

AS/ACIF S003:2005	Two wire ring-out/loop in
AS/ACIF S004:2004	Voice Frequency performance requirement for Customer Equipment
AS/NZS 60950.1:2003	Information technology equipment – safety, part 1 – general requirements
AS/NZS CISPR 22:2004	Information technology equipment – Radiation disturbance characteristics – limits and methods of measurement



Standard Product Kit

- CWG-100 Unit
- Wi-Fi Antenna
- 850Mhz WCDMA Antenna
- AC Power Adapter (240V/50Hz)
- Installation Guide
- User Guide

Accessories/Options

- Outdoor directional antenna (Yagi)
- Outdoor standard antenna
- Standard and Long Life Battery

Applications



Wireless Network

✓ Security/Surveillance



✓ Wi-Fi



✓ Printer Server



✓ Telephone



✓ Broadband



✓ Fax

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