TELUS Smart Hub

NetComm®

(((Wi-Fi)))

21Mbps

What is the Smart Hub?

The Smart Hub is a 4G enabled router that allows users to connect to the Internet and make voice calls over the TELUS 4G network.

Sharing the connection

The Smart Hub has a LAN port for a wired connection and features a Wi-Fi (Wireless 802.11n) access point that can connect up to 15 Wi-Fi enabled devices (such as laptops, smartphones, tablets) to the Internet.

Data Speeds

The Smart Hub operates over the TELUS 4G network and provides powerful 4G data speeds. The Smart Hub provides maximum download data rates of 21Mbps* and upload data rates of 5.76Mbps*. These speeds rival what is available to customers who use a fixed line ADSL connection.

Phone Calls

Connect up to 2 phones to the Smart Hub's phone sockets to make and receive calls over the TELUS 4G network while connected to the Internet.

Key Features

- Powerful and flexible fixed wireless gateway supporting various networks and service types
- Embedded 4G modem supporting peak downlink up to 21 Mbps* / uplink up to 5.76 Mbps*
- Wireless LAN 802.11n access point with MIMO antenna technology
- Voice function – connect a standard analogue telephone for calls over the cellular network
- Ethernet LAN 10/100 connectivity
- Management and configuration via web user interface from any computer or smartphone
- VPN pass-through support for secure connections over the public cellular network

Identify your Smart Hub customer

- Businesses without a fixed broadband (ADSL/Cable) connection available
- Businesses who require a fixed line back up to stay connected
- Mobile businesses
- Frequent moving businesses / businesses with short term leases
- Businesses with a slow ADSL connection
- Businesses who want to upgrade from dial up to broadband
- Business travelers or business professionals such as auditors
- Ideal for businesses who require a temporary office set up
- Ideal for events and conferences
- Businesses who require a data connection and phone line that moves with them

Target Market Applications

Office in a box

The Smart Hub is designed to be a complete fixed line substitute.

With the Smart Hub, businesses can achieve similar connections and service to what fixed line Internet and voice lines offer.

The Smart Hub was developed to enable businesses to run their operations from anywhere within the TELUS 4G network with plug and play simplicity. The device gives users the benefits of a landline experience without the need for a fixed connection to establish a phone service, whilst simultaneously providing a reliable high-speed Internet connection.

Temporary office and business setups

Temporary office and business setups can take the shape of trade shows, events, outdoor festivals and office relocations, to name a few.

All the Smart Hub needs is a power outlet and to be within the TELUS 4G network coverage to receive an Internet signal. Businesses are no longer restricted to where they can operate and there is no need for an opportunity to be missed due to the unavailability of an Internet connection or business phone line.

Mobile workforce

As home and small to medium sized businesses become increasingly mobile they face the challenge of maintaining undisrupted communications with their clients, suppliers and colleagues.

With business owners and employees spending increasing lengths of time on client sites, at temporary office locations or conferences, a basic requirement for businesses of all sizes is the ability to stay connected. The Smart Hub allows the mobile workforce to take their Internet and phone connection with them across the country and carry out normal operations, as though they were at a regular desk in an office.

TECHNICAL SPECIFICATIONS

4G
- HSPA+: 850/900/1900/2100MHz UMTS/HSDPA/HSUPA
- Up to 21 Mbps* downlink (HSDPA Cat 14)
- Up to 5.76 Mbps* uplink (HSUPA Cat 6)

* Theoretical maximum speeds listed. Actual speeds may vary. The total number of Wi-Fi users connected may also affect data speeds

- Quad-band EDGE/GPRS/GSM

WWAN INTERFACE
- 4G x 1

LAN INTERFACE
- 10/100 Ethernet x 1

PHONE INTERFACE
- RJ-11 FXS Phone Port x 2

WLAN
Standard
- IEEE802.11n, backward compatible with 802.11b/g

Encryption
- WEP, WPA, WPA2

WLAN Data Rate
- Up to 300Mbps

ANTENNA SYSTEM
- 1 x External cellular main - removable multi-band 2dBi gain terminal mount omni antenna
- 1 x Internal cellular diversity antenna
- 2 x Internal 2.4GHz antennas for 802.11n Wi-Fi

DIMENSIONS AND WEIGHT
- 140 mm (L) x 132 mm (W) x 34 mm (H)
- 240 grams

PACKAGE INCLUDES
- 3G38WV-TS Gateway
- 1 x 1.5M Ethernet cable
- 1 x external antenna
- 1 x 2M telephone (RJ-11) cable
- DC power adapter
- Quick start guide