

HGE3702K

Infotainment Router - Ruby



Product Overview

The HGE3702K Infotainment Router is an innovative product that integrates information and entertainment functions into a home networking device. With built-in a 3.5" touch screen LCD, it is very easy complete network quick setup wizard by your finger touch via LCD panel. This device supports both wired DSL/Cable modem and USB 3G wireless broadband connection. Built-in 2 speakers, it provide a stellar sound experience for listening to music or watching video clips.

Key Features and Benefits

Information

The HGE3702K continuously fetches the latest stock, traffic, weather, and current events from the internet and can display them using text or video. For commercial applications, the HGE3702K infotainment router can also act as an advertising platform for content service providers.

Entertainment

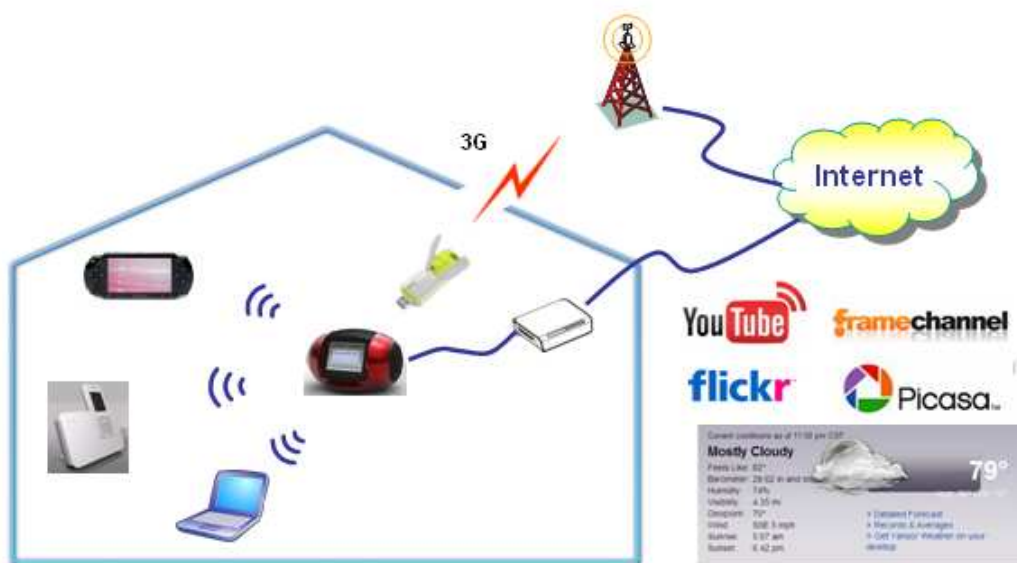
The large built-in 1GB of memory allows the unit to store movies, music, or photos offline when Internet connectivity is unavailable. The HGE3702K is a multifunction media player with touch screen can deliver reminders using a Calendar function and customizable audible alerts create a fully configurable alarm clock in the process.

WiFi Home AP/Router

HGE3702K's WiFi solution is compliant with 802.11n draft v2.0 specifications. As a WiFi AP/Router, HGE3702K can achieve 150Mbps PHY rate using 11n MIMO 1x1 algorithm. Compared with 802.11g technology/54Mbps PHY rate, the device is almost 3 times faster wifi throughput.

Easy Setup

The built-in a 3.5" touch screen, users are very easy to complete the broadband access and WiFi setup via few finger's motions. A user friendly simple GUI also allows user to play photo, video, music and Internet widget. More advanced network setup functions can be accessed by web/UI.



HGE3702K Product Specifications

Features

Display

- 3.5" QVGA LCD
- Resolution: 320 x RGB x 240
- Brightness: 350 nits
- Contrast: 300:1
- Viewing Angel: 50/55/60/60(top/bottom/left/right)
- On-Screen Touch

Media Format

- Audio: MP3, WMA
- Photo: JPEG, BMP
- Video: M-JPEG, MPEG-1, MPEG-4, H.264

Internet Applications

- YouTube
- Framechannel
- Internet Radio

Built-in Memory Size

- 2GB NAND Flash

AP/Router Features

- AP/Router Mode
- WAN
 - DHCP
 - PPPoE
 - Static IP
 - PPTP
 - L2TP
 - 3G USB Connection
- DHCP server for WLAN IP assignment
- Wireless Security
 - WEP 64/128 bit
 - WPA/WPA2-PSK
 - WPS
- Wireless QoS/WMM
- NAT/NAPT
- Firewall
- VPN Passthrough
- QoS
- WDS

Management/Configuration/Tools

- Touch Panel GUI
- HTTP web management
- Configuration upload/download via HTTP
- Firmware upgrade via HTTP and USB

Networking Standard

- Wireless
 - Compliant with IEEE 802.11n version 2 draft
 - Operating frequency: 2.4G-2.5GHz
 - Operating channel: 11 channels (US, Canada), 14 channels (Japan)
 - 802.11n data rate: 300, 270, 243, 216, 162, 108, 81, 54, 27 Mbps (40MHz)
 - 802.11g data rate: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps
 - 802.11b data rate: 1, 2, 5.5, 11Mbps
 - WiFi MIMO: 1x1
- Wire
 - 802.3

Physical Ports

- WAN – RJ45: 1 x FE port
- WWAN – 3G USB card: 1 type A
- LAN: 1 x FE port
- USB: 1 x mini type for PC connection
- Power: 1 DC-in jacket
- Stereo Speaker 1.5W x 2
- WiFi Antenna: Internal, 1.5dB

Mechanical

- Dimensions (H x W x D): 232 x 191 x 33 mm
- Weight: TBD

Power

- AC Input: 100~240V
- DC Output: 9V/2A

Regulatory Compliance

- FCC
- Canada IC
- CE Mark
- Japan

Environmental Specifications

- Temperature:
 - 0 to 40 °C (Standard Operating)
 - 20 to 70 °C (Non-operation)
- Humidity:
 - 5% to 95% (Non-condensing)

Ordering Information

System Requirements

- WiFi adapter for each computer Windows® 98SE, Me, NT, 2000, XP, Vista or other operating systems running a TCP/IP network
- Internet Explorer 6.0 or Netscape® 4.7 or higher or Firefox

Product Description

- HGE3702K
- Power Adapter
- User Manual (CD)
- Quick Installation Guide (Hardcopy)