

H650 Series Mini 3G Portable Router Datasheet



>>| Product Introduction

The H650 series Cellular Router, the world's smallest portable 2G/3G/4G WiFi hotspot router, is designed for establish a Wi-Fi wireless network and share a cellular broad band Internet connection. The EL-H650 series Cellular Router enables users to quickly create a secure Wi-Fi (802.11 b/g/n) network and provide access to the Internet using a cellular network. By connect to 2G/3G/4G networks; an Internet connection can be accessed and shared virtually anywhere within a wireless broadband network.

>>| Typical Diagram



>>| Specification

Wireless	
Compatible Mobile Networks	<ul style="list-style-type: none"> • HSPA HSUPA HSDPA • UMTS • EDGE • GPRS • CDMA2000 EVDO Rev A, Rev O optional • CDMA1x optional • 4G LTE
Cellular Frequency	<ul style="list-style-type: none"> • UMTS/HSPA/HSUPA (WCDMA/FDD) 850/1900/2100 MHz or 850/900/1900/2100 MHz • Quad-band EGSM 850/900/1800/1900 • EVDO/CDMA: 800/1900Mhz, 450Mhz optional • 4G LTE • 700(B17)/AWS or 800/900/1800/2100/2600MHz or 700(B13)MHz
Bandwidth	<ul style="list-style-type: none"> • Under HSPA/HSUPA Downlink 14.4 Mbps Uplink 5.76 Mbps • Under HSDPA Downlink 7.2 Mbps Uplink 384k bps • Under WCDMA/UMTS Downlink/Uplink 384 kbps • Under CDMA EVDO Rev A: 3.1Mbps downlink, 2.4Mbps uplink • 4G LTE Downlink: 100Mbps, Uplink:50Mbps
Wi-Fi	<ul style="list-style-type: none"> • 802.11b/g/n; Frequency from 2.4GHz to 2.483GHz, Access Points, Routers and Gateway Server Applications, wireless up to 32 PC users • 150Mhz maximum, 300Mhz optional
Security	
Security	64/128-bit WEP, WPA-PSK WPA2-PSK wireless safety mode; Support WEP, TKIP, AES encryption
Media Access Control	CSMA/CA with ACK

Certifications	REDIUS Client
Interface	
USB Host	None
USB port	Mini USB for battery charge
Antenna	1X antenna for Wi-Fi (internal type) 1X antenna for 3G (internal type, for H650 with module only)
UIM/SIM Card Slot	1.8V/3V
Power	
Power supply	100~240VAC, 5VDC
Software	
Device Management	<ul style="list-style-type: none"> • WEB interface (Internet Explorer v6 or Later; Mozilla Firefox v1.5 or Later, or other Java-enabled Browsers)
Minimum System Requirements	Mobile Internet Access Subscription and Internet PC Adapter Computer with: <ul style="list-style-type: none"> • Windows 7, Vista , Windows XP SP2, Windows 2000 SP4, or Mac OS® X (v10.4/v10.3), Linux • Internet Explorer v6 or Later; Mozilla Firefox v1.5 or Later, Chome,Opera,Safari or other Java-enabled Browsers • CD-ROM Drive • Network Interface Card
Physical	
Operating Temperature	<ul style="list-style-type: none"> • Storage: 72°F to 153°F (-40°C to 90°C) • Working: 36°F to 126°F (-30°C to 80°C)
Humidity	95% Maximum (Non-condensing)
Dimensions	94 x 54 x 13mm
Weight	110g

Others		
Warranty	1 Year	
Package Contents	<ul style="list-style-type: none"> • The H650 Series wireless Router • CD-ROM with Product Documentation • Battery 	
Model	Marks	Optional
H650d	HSDPA Router, work under HSDPA/EDGE/GPRS/GSM networks	
H650u	HSUPA Router, work under HSUPA/HSDPA EDGE/GPRS/GSM networks	
H650p	HSPA+ Router, work under HSPA+/HSPA/HSUPA/HSDPA EDGE/GPRS/GSM networks	
H650t	4G LTE Router, work under 4G: LTE 3G: HSPA+/HSPA/HSUPA/HSDPA or CDMA2000 EVDO 2G: EDGE/GPRS/GSM or CDMA1x networks	
H650ev	EVDO Router, work under EVDO/CDMA1x networks	