

## H630 Series Mini 3G Router Datasheet



### >>| Product Introduction

The EL-H630 series 3G Cellular Router, the world's smallest portable 3G WiFi hotspot router, is designed for establish a Wi-Fi wireless network and share a cellular broad band Internet connection. The EL-H630 series 3G 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 HSUPA network; an Internet connection can be accessed and shared virtually anywhere within a wireless broadband network.

## >>| Typical Diagram



## >>| H630 Mini 3G Router Benefit:

### **Connect everywhere:**

Carry your personal hotspot everywhere and connect WiFi enabled devices to the internet through the mobile network

### **Simply, Plug & Play :**

Just plug the cellular USB dongle and connect to the network. Connect your device to H630 through the WiFi connection. No client software or any other installation is required on the connected device (e.g. laptop). H630 is fully configurable via a standard browser.

### **Connect several devices :**

Connect up to 10 devices through a single H630. Each connection is authorized by password and secured by encryption

### **Built-in security :**

Both wireless links are secured - The WiFi link between the device and the H630; the mobile link between the H630 and the cellular network.

**Standalone operation:**

H630-B has a rechargeable 1600mAH battery that will last 4.5 hours. No power connection is required

**Car hotspot & charger:**

H630-C, the innovative design of car travel and USB charger & hotspot. Charge your iPod, iPhone, MP3, MP4, MP5 and mobile phone.

**Use your existing 3G dongle:**

You can use your existing 3G/4G USB dongle. You just need to plug the dongle into H630. The USB dongle is physically hosted inside H630.

**Embedded 3G/4G dongle and SIM Lock (Optional):**

The H630 may include an embedded 3G/4G dongle. Mobile operators or service providers are able to assign (lock) their branded SIM to H630.

Users will not be able to use H630 with other vendors' SIM cards.

## >>| Specification

Wireless	
<b>Compatible Mobile Networks</b>	<ul style="list-style-type: none"> <li>• HSUPA HSDPA HSPA</li> <li>• UMTS</li> <li>• EDGE</li> <li>• GPRS</li> <li>• CDMA2000 EVDO Rev A, Rev O</li> <li>• CDMA1x</li> </ul>
<b>Cellular Frequency</b>	<ul style="list-style-type: none"> <li>• UMTS/HSPA/HSUPA/HSDPA (WCDMA/FDD) 850/1900/2100 MHz or 850/900/1900/2100 MHz</li> <li>• Quad-band EGSM 850/900/1800/1900</li> <li>• EVDO/CDMA: 800/1900Mhz, 450Mhz optional</li> </ul>
<b>Bandwidth</b>	<ul style="list-style-type: none"> <li>• Under HSPA/HSUPA Downlink 14.4 Mbps Uplink 5.76 Mbps</li> <li>• Under HSDPA Downlink 7.2 Mbps Uplink 384k bps</li> <li>• Under WCDMA/UMTS Downlink/Uplink 384 kbps</li> <li>• Under CDMA EVDO Rev A: 3.1Mbps downlink, 2.4Mbps uplink</li> </ul>
<b>Wi-Fi</b>	<ul style="list-style-type: none"> <li>• 802.11b/g/n; Frequency from 2.4GHz to 2.483GHz, Access Points, Routers and Gateway Server Applications, wireless up to 32 PC users</li> <li>• 150Mhz maximum, 300Mhz optional</li> </ul>

<b>Security</b>	
<b>Security</b>	64/128-bit WEP, WPA-PSK WPA2-PSK wireless safety mode; Support WEP, TKIP, AES encryption
<b>Media Access Control</b>	CSMA/CA with ACK
<b>Certifications</b>	RADIUS Client
<b>Interface</b>	
<b>USB Host</b>	For external modem use
<b>Antenna</b>	1X antenna for Wi-Fi (internal type) 1X antenna for 3G (internal type, for H630 with module only)
<b>UIM/SIM Card Slot</b>	1.8V/3V (for H630 with module only)
<b>Power</b>	
<b>Power supply</b>	100~240VAC, 5VDC
<b>Software</b>	
<b>Device Management</b>	<ul style="list-style-type: none"> <li>• WEB interface (Internet Explorer v6 or Later; Mozilla Firefox v1.5 or Later, or other Java-enabled Browsers)</li> </ul>
<b>Minimum System Requirements</b>	Mobile Internet Access Subscription and Internet PC Adapter Computer with: <ul style="list-style-type: none"> <li>• Windows Vista , Windows XP SP2, Windows 2000 SP4, or Mac OS® X (v10.4/v10.3), Linux</li> <li>• Internet Explorer 6 or Mozilla Firefox</li> <li>• CD-ROM Drive</li> <li>• Network Interface Card</li> </ul>
<b>Physical</b>	
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• Storage: 72°F to 153°F (-40°C to 90°C)</li> <li>• Working: 36°F to 126°F (-30°C to 80°C)</li> </ul>
<b>Humidity</b>	95% Maximum (Non-condensing)

<b>Dimensions</b>	105 x 65 x 15mm
<b>Weight</b>	210g
<b>Others</b>	
<b>Warranty</b>	1 Year
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• The H630 Series 3G wireless Router</li> <li>• CD-ROM with Product Documentation</li> </ul>
<b>Model Types</b>	
<b>H630</b>	Without 3G modem
<b>H630-u</b>	with external 3G HSPA modem together

## >>| More Picture for H630

Anytime, anywhere, devices enabled with WiFi can be achieved through the WiFi hotspot and compose wireless LAN

Support wired bandwidth PPPOE, dynamic DHCP, static IP access  
Small and exquisite, just like small mouse, easy to carry.



