

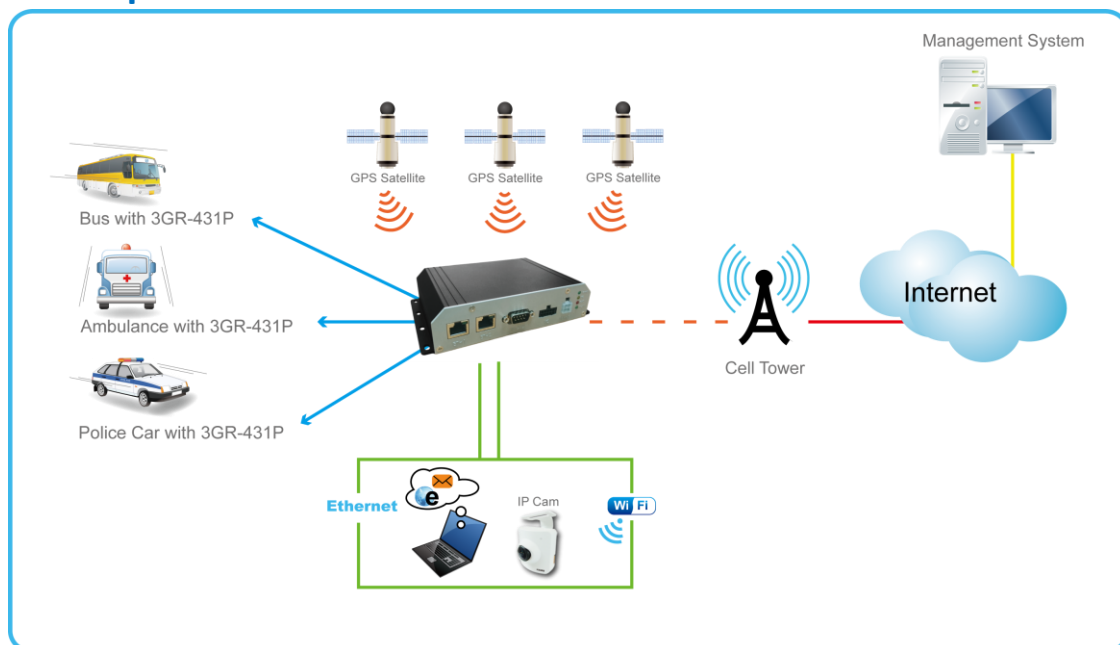


## Features

3GR-431P 3G Wi-Fi Router is a 3G + GPS + 802.11n (2T2R) wireless router. It supports Internet access via 3G and receives position information from GPS. 3GR-431P also supports two Ethernet ports for LAN connectivity and 802.11n Wi-Fi Access Point for WLAN connectivity.

It is available to install the 3GR-431P on the transportation. The passengers can use the laptop or smart phone via Wi-Fi to browse the Internet on the go. The Ethernet port also can connect IP camera to provide the real time monitoring.

## Application Example



## Outlook



## Specifications

|                        |   |
|------------------------|---|
| Hardware Interface     | Power Input: Power connector * 1<br>Signal Input: Analog Input * 6<br>Signal Output: Analog Output * 2<br>RJ-45 Connector: RJ-45 * 2<br>3G Antenna Connector: SMA * 1<br>GPS Antenna Connector: SMA * 1<br>Wi-Fi Antenna Connector: SMA * 2<br>DB9 Connector: DB9 Connector * 1 |
| General Specifications | Voltage: 9V-36V   |
| 3G Specifications      | Module Function: GSM/GPRS/EDGE 850/900/1800/1900 (MHz), HSPA+/HSUPA/HSDPA/WCDMA 2100/1900/900/850 (MHz)   |
|                        | Data Rate: HSPA+ release 7: DL 21Mbps / UL 5.76Mbps   |
| GPS Specifications     | Receive Frequency: 1575.42MHz $\pm$ 10MHz, 20 channels  |
|                        | Position Accuracy: 15 Meters, Positioning speed: 0.1 meters/second, Output signal: WGS-84 (GPS Time Synchronism)  |
|                        | Dynamic Status: Acceleration: < 4G  |
| Network Features       | DHCP Server, NAT, Firewall, DDNS  |
| VPN pass-through       | IPSec, L2TP, PPTP VPN pass-through  |
| Wireless               | Standard: IEEE 802.11b/g/n 2T2R   |
|                        | Encryption: 64/128bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK   |
|                        | Channel: 11(US) / 13(EU) / 14(Japan)  |
| Management             | User-Friendly Web GUI   |
|                        | Browser Firmware Upgradeable  |
|                        | Configuration Export and Import   |
| Operation Environment  | Temperature: -20 °C ~ 65 °C   |
|                        | Relative Humidity: 10%~90% non-condensing   |
| Appearance             | Device Dimension ( L x W x H ) (mm): 150 x 104 x 37 mm  |
|                        | Device Color: Black and Silver  |
| Certification          | CE, FCC   |

※Product specifications are subject to change without prior notice.

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