

# SPECIFICATION

## BX-4G



## **DESCRIPTION**

BX-4G modem is developed and designed by ONBON, and combined with BX series controllers, it is widely used in LED lintel full color screen and LED media full color screen. Excellent products with stable performance which can resist the harsh environment. The product supports automatic switching of different network modes. When there is no 4G signal, it can automatically switch to 3G network. BX-4G(U) products can be more quickly connected to high-speed internet to achieve safe and reliable data transmission; Widely used in various fields of remote monitoring and data transmission.

## **FEATURES**

- ◆ High performance industrial wireless module
- ◆ Complete network protocol support (TCP/UDP, DHCP, ICMP, ARP, DNS, etc.)
- ◆ Support static address allocation and static routing configuration
- ◆ Complete firewall function
- ◆ Metal shell, suitable for industrial control site;
- ◆ Resistance to bad environment, supporting the wide working temperature: -40 °C ~ 80 °C;
- ◆ Real-time detection of the state of wireless link, automatic pull off the line, keep the wireless link connection for a long time;
- ◆ Anti - interference, anti - static design, suitable for severe electromagnetic environment application needs

## **INSTRUCTIONS**

Front panel



INTERFACE	
USB	USB communication interface
PWR	power indicator
GTM	working indicator
+ -	5V power interface,DC input, nominal votalge 5V ( support 4V ~ 6V)

Back panel



INTERFACE	
ANT	Connect to 4G antenna
GPS	Connect to GPS antenna

## Parameters

Specification	
Working voltage	5V (4V-6V)
Average power	≤3W
Sensitivity	≤-108dBm
Data interface	Serial communication
Modem	FDD-LTE、 TDD-LTE、 TD-SCDMA、 HSPA+、 HSUPA、 HSDPA、 UMTS、 WCDMA、 EDGE、 GPRS、 GSM
Frequency band	<ul style="list-style-type: none"> <li>● FDD-LTE: B1/B3/B8</li> <li>● TDD-LTE: B38/B39/B40/B41</li> </ul>

	<ul style="list-style-type: none"> <li>● HSPA/UMTS: 900/2100MHz</li> <li>● GSM/GPRS/EDGE: 900/1800MHz</li> <li>● TD-SCDMA: B34/B39</li> <li>● L1: 1575.42MHz (GPS)</li> </ul>
Features	<ul style="list-style-type: none"> <li>● FDD-LTE: 150 Mbps DL, 50 Mbps UL</li> <li>● TDD-LTE: 150 Mbps DL, 50 Mbps UL</li> <li>● TD-HSUPA: 2.8Mbps DL</li> <li>● TD-HSUPA: 2.2Mbps UL</li> <li>● DC-HSPA+: 42 Mbps DL</li> <li>● HSPA+: 21 Mbps DL</li> <li>● HSUPA: 5.76Mbps UL</li> <li>● WCDMA: 384 Kbps DL, 384Kbps UL</li> <li>● EDGE: 237 Kbps DL, 118Kbps UL</li> <li>● GPRS: 85.6 Kbps DL, 85.6 Kbps UL</li> </ul>
Working temp	-40°C ~ 80°C
Size	93×95×27mm

**SHANGHAI ONBON TECHNOLOGY INC.**

**Contact:** Yolanda Zhou

Telephone: +8615921814956

Mailbox: onbon@onbonbx.com

Address: Floor 7, Tower 88, 1199#, North Qinzhou Road, Xuhui District, Shanghai, China

Website: [www.onbonbx.com](http://www.onbonbx.com)

