BIVAR

Smart Technology

BWGCC
Bivar Wireless Gateway Communication Center

Bivar's Wireless Gateway Communication Center (BWGCC) is configured to receive and aggregate peripheral sensor information and manage corresponding sensors. The main function of the BWGCC is to forward the data from each Bivar Smart Device to the Bivar Cloud Server.

Bivar's BWGCC Gateway connects to Bivar's Temperature and Humidity Sensors and Bivar's Smart Rackmount Secure Handles inside a controlled room. Ideally used in data center server rooms and industrial spaces.

Features

- Smart Gateway transfers Bivar's Smart Devices WiFi data to the cloud server
- AES-128 Encryption with secure wireless and cloud communication
- LEDs indicate gateway activity and status
- The gateway will hold up to 1,000 pieces of data on the gateway flash
- Easy assembly and installation

What's in the box

- BWGCC-____ 4G/Wi-Fi Gateway
- Antennas
- AC Adapter
- USB Power Cable
- Bivar Android and IOS App Setup Instructions.

Ordering

BWGCC - XXYY

"XX"	Communication Protocol
01	4G/LTE
02	NB/IoT (Under Development)
03	5G (Under Development)

"YY"	Region
01	USA
02	Europe (Under Development)
03	Asia (Under Development)

Functional Specifications

No.	Property	Technical Parameters
1	Product name	Bivar Wireless Gateway Communication Center
2	Series Models	BWGCC-XXYY
3	Hardware Version[1]	V3.1.0
4	External Network Comm Interface	4G (including LTE/3G/2G)
5	U-ETRN Band	Band 2/4/12
6	Antenna gain	Band 2 - 1.1 dBi Band 4 - 1.5 dBi Band 12 - 1.35 dBi
7	Radio frequency	915MHz
8	RF Rate Output Power	12dbm@10kb
9	RF Antenna	2.15dbi
10	Supply Voltage	5V(DC)
11	Data Storage	Offline data of less than 3000
12	Max number of connections for every type	300
13	Receive Coverage	15m (indoor)
14	Working Temperature	-40℃~ + 65℃
15	Size (L x W x H) - including Antennas	5.5 x 3.75 x 6.0 in (140 x 95 x 152 mm)
16	FCC Certification ID	2AVK3

(1) Bivar reserves the right to makes changes/upgrade to hardwares without prior notice.

www.bivar.com l 4 Thomas, Irvine, CA 92618 l Phone: 949-951-8808 l Email: sales@bivar.com

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