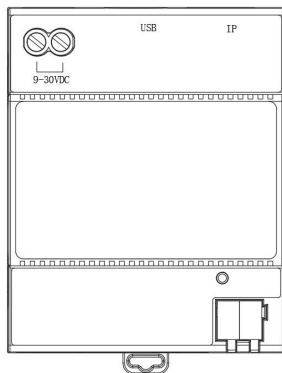


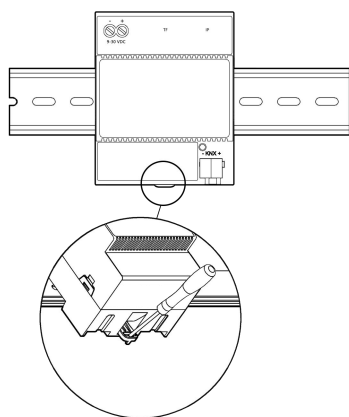
## BCK-CGWB-0001 IP Gateway



### Description

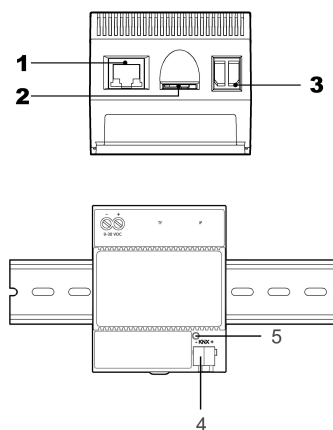
It is used for IP coupling of KNX branches. Specifically designed for KNX intelligent building control systems, this device enables communication between Ethernet and KNX systems. The interface requires an auxiliary power supply of 9-30VDC. For the interface IP address, two assignment methods are supported: DHCP and static IP.

### Dimensions



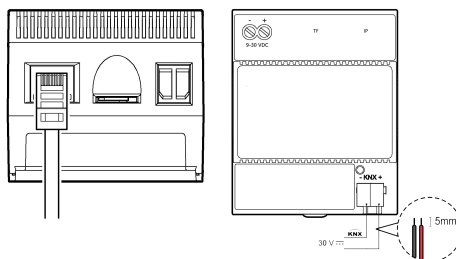
1. Pull-down buckle
  2. Clip the device onto the DIN 35mm rail
  3. Push up the buckle to fix the module on the DIN 35mm rail
- ⚠ Warning: Do not pull down the buckle with excessive force, as this may easily damage the buckle
- ⚠ During installation and removal, ensure the device is in a power-off state

### Interface Description



1. Ethernet 1000M Base-T RJ45 Gigabit Ethernet Port
2. USB Port
3. Terminal Block
4. KNX port
5. Reset Button / Status Light

### Connection



1. Ensure the device is not powered on
2. Make sure the network cable is connected to the network device (router or switch) first, then connect it to the KNX IP interface
3. Connect the power adapter (9-30VDC)
4. Strip the insulation of the KNX cable, strip 5mm of insulation from each of the red and black KNX signal wires respectively. Insert the red wire into the red part of the terminal and the black wire into the black part of the terminal
5. After confirming all wiring is correct, power on the DC 9-30V power supply. The device has started successfully when the green indicator light of the device flashes at intervals

❗ Note: Ensure the positive and negative poles of the DC power supply are correctly wired before powering on the device

❗ Note: Confirm that the red and black KNX wires are respectively connected correctly before powering on the device

❗ Note: If the device uses the dynamic IP address acquisition mode, the network must be connected first before powering on the device

### Technical Specifications

- Auxiliary Power Supply :9-30VDC
- Current:  $\leq 500\text{mA}$
- KNX Voltage: 30VDC
- KNX Current:  $< 10\text{mA}$
- Port: KNX, TCP/IP
- Operating Temperature:  $-5^{\circ}\text{C} \sim +45^{\circ}\text{C}$
- Operating Humidity: 5% ~ 95% RH
- Dimensions (H x W x D): 92x72x64mm

### Restore Settings

To restore the device to its factory settings, press and hold the Reset button for 10 consecutive seconds. The device will restart; once the indicator light resumes normal flashing, it indicates that the device has been restored to factory mode

### Device Settings

1. The default static IP address (192.168.199.158) from the factory
2. The static IP address of the device and the IP address assignment method can be modified by logging into the Web editing page. The modification method is as follows: First, connect the IP gateway to the computer via a network cable, and set the computer's IP to 192.168.199.N (that is, set the computer's IP address to the same network segment as the IP gateway, and fill in the subnet mask and default gateway address according to the actual on-site situation); then open the web browser on the computer, enter <http://192.168.199.158>, and both the login account and password are "admin" by default

❗ Note: If you forget the modified device IP address, you can restore it to the default static IP address by pressing and holding the Reset button for more than 10 seconds