



NB-IOT & 4G SERIES PRODUCTS



How to connect to server through MQTT ?



1

Setup your APN and Band.

NB-IoT Configurations

PSD Setting | **Band Setting** | Network State

1 PDP Type:

2 APN:

User Name:

Password:

NB-IoT Configurations

PSD Setting | **Band Setting** | Network State

Band

| | |
|--|---|
| <input checked="" type="checkbox"/> Band_1 | <input checked="" type="checkbox"/> Band_8 |
| <input checked="" type="checkbox"/> Band_3 | <input checked="" type="checkbox"/> Band_20 |
| <input checked="" type="checkbox"/> Band_5 | <input checked="" type="checkbox"/> Band_28 |



2

Check your signal to make sure connected or not.

The screenshot shows a software window titled "NB-IoT Configurations" with three tabs: "PSD Setting", "Band Setting", and "Network State". The "Network State" tab is active and contains an "Inquire" button and several data fields:

| Parameter | Value |
|-------------------|------------|
| RSRP (dBm) | -126 |
| TAC | "9D79" |
| EARFCN | 9406 |
| RSRQ (dB) | -13 |
| ECL | 2 |
| EARFCN offset | 1 |
| RSSI (dBm) | -113 |
| Tx Power | -115 |
| Physical Cell ID | 469 |
| SNR (dB) | -2 |
| Cell ID | "030F9C79" |
| Serving Cell Band | 28 |



3

Setting server MQTT information.

IoT Parameters

Bypass Mode: Write IoT Parameters only

Protocol:

Device ID:

Remote Port:

Remote IP/URL:

MQTT Parameters

MQTT Client ID: Random Generation Code NB-IoT IMEI Code

MQTT User Name:

MQTT Password:

MQTT Publish Topic:

MQTT Publish QoS:

MQTT Subscribe QoS:

MQTT Mode:

Easy to set up MQTT configuration page.

Now your gateway is ready to go !

RF Design and Manufacturing Service

RFaaS may depend on the client product demand, the conformity wireless and various types sensing function, and provides the diversification the wireless customizer design service.



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