

Signal Generator

24MHz-1.7GHz F connector with Wi-Fi 802.11n features

Battery included

Manual mode for simple setting

APP for Smartphone/Pad usage



KEY FEATURES

- Output frequency range 24MHz~1.7GHz
- Stepping : 1MHz
- Output power : 40dBmv, 60dBmv
Tolerance: +/-3dBmv
- Power: USB2.0 (+5V/2A)
- Interface : USB2.0, F-type male 75Ω connector
- Wi-Fi 11b/g/n with internal antennas
 - 2T2R 2.4GHz with 150Mbps PHY rate
 - Frequency range : 2412~2462MHz
- Includes a 5V battery
- Simple buttons setting for Hi/Lo frequency/power
- LEDs indicator for Signal output

APP by Wi-Fi CONNECTION

The APP designed for smartphone for related parameter setting by WiFi connection.

- Android platform
- Same as CGN-DP3

Item Include

1. 24MHz~1.7GHz signal generator x 1
2. USB type A to type A cable
3. 5V/2A USB adapter

SPECIFICATIONS

Connectivity

- 1 x RF F-type male 75Ω connector
- 1 x female to female adapter
- 1 x RJ-45 Ethernet port 10/100 Mbps (Auto-MDI/MDIX)
- 1 x USB2.0 connector
- 1 x Factory reset button
- 1 x Force power off button

Management

- App-based GUI for configuration and management

Wireless

- 802.11 b/g/n
- 2T2R 2.4GHz (2412MHz-2462MHz) 802.11n with 150Mbps PHY data rate
- 20/40MHz channel bandwidth
- Wi-Fi output power Range :
 - 2.4G (.11n) 13dBm
 - 2.4G (.11g) 15dBm
 - 2.4G (.11b) 17dBm

Mechanical

- 9 Status LEDs
- 4 Buttons
- Dimensions: 220.3mm (L) x 92mm (W) x 42mm (H)
- Weight: 400g ± 10g

Electrical

- USB Power input: 5V / 2A
- Power consumption: 5 W (typical), 6W (max.)
- Battery with lithium battery cells
- Surge protection: RF input sustains at least 4KV,
Ethernet RJ-45 sustains at least 4KV

Environmental

- Operating temperature: 0°C (32°F) - 40°C (104°F)
- Operating humidity: 10% - 90% (non-condensing)
- Storage temperature: -40°C (-40°F) - 80°C (176°F)

Compliance Certificates

- FCC, UL
- RoHS compliant
- IP20

Federal Communication Commission Interference Statement

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
 - - Reorient or relocate the receiving antenna.
 - - Increase the separation between the equipment and receiver.
 - - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - - Consult the dealer or an experienced radio/TV technician for help.
- **FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- **Radiation Exposure Statement:**
 - This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Industry Canada statement:

- This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.
- **Caution :**
 - (iii) where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.
- **Avertissement:**
 - (iii) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.
- **Radiation Exposure Statement:**
 - This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20 cm between the radiator & your body.
- **Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 30 cm entre le radiateur et votre corps.