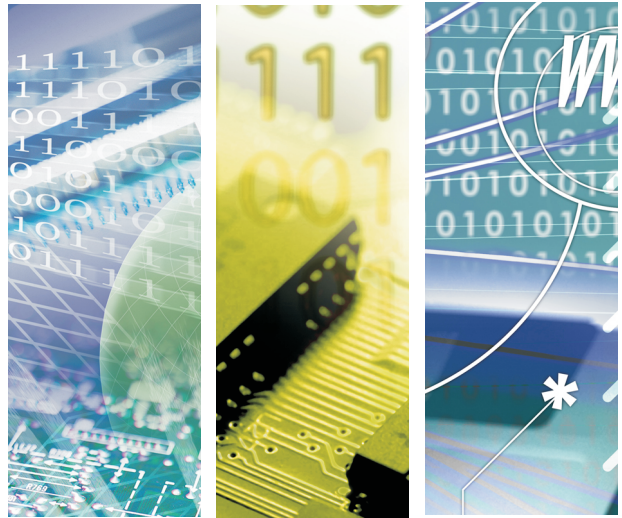




# HD826K\_IoT\_DTU

IoT central DTU 2T2R



HD826K\_DTU

IoT central DTU / 802.11bgn 2x2 (sheetmetal box)

## Introduction of Product

With the power of Bointec Wireless Lighting Control systems, you can control thousands of the next-generation of lights from the palm of your hand. Lower operating costs and increase energy efficiencies for all of your offices and industrial facilities with our wireless lighting network. Our solutions use NetRemocon® the Network and Application Platform for the Internet of Things (IoT) to control and manage lights using a common wireless infrastructure that other IoT solutions can leverage.

## Product Highlight

- Support 2 SSID , 1st SSID for light control , 2nd SSID for internet
- It can control HC818K1/2/3 which connected with 1st SSID
- Support 2 Ethernet WAN port
- Support RS232
- Radio control distance 300m\*
- Universal power input AC 110~240V
- IEEE802.11b/g/n
- Greater LED energy conservation and savings
- New control applications that would be cost prohibitive with wired controls
- Simplicity of installation and commissioning
- Automatic response based on dynamically defined conditions-Non-stop utility
- Network and hub for intelligent building controls and IoT connected devices
- Built-in software upgradability to support future functionality
- More centralized and scalable control
- grade monitoring



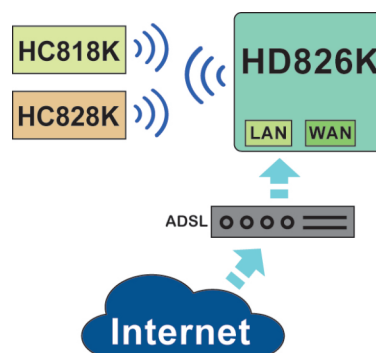
# Specification

| Feature                  | Specification                     |
|--------------------------|-----------------------------------|
| Material                 |                                   |
| Material                 | Sheetmetal                        |
| General                  |                                   |
| Operating Voltage        | AC 110-240V                       |
| WiFi                     |                                   |
| Radio Frequency band     | 2.4GHz (2.412 GHz to 2.484 GHz)   |
| Standard                 | IEEE 802.11 b/g/n                 |
| Bandwidth                | HT20 and HT40                     |
| Wifi 802.11gn            | 2T2R                              |
| Radio Tx Power           | 17 dbm                            |
| Radio Rx sensitivity     | 17 dbi                            |
| Security Protocols       | WPS, WPA, WPA2, WEP               |
| Antenna                  | SMA                               |
| Environment              |                                   |
| Operating Temperature    | -20°C ~ +80°C                     |
| Operating Humidity       | 20% ~ 80%                         |
| Dimension                |                                   |
| Product                  | 85 x 84 x 30 mm (exclude antenna) |
| Certificate              |                                   |
| Canada                   | IC                                |
| USA                      | FCC                               |
| Japan                    | Telec                             |
| Brazil                   | ANATEL(TBD)                       |
| Taiwan                   | NCC                               |
| Europe                   | EN 300 328 v1.9.1                 |
| Europe                   | CE                                |
| Other EMI Certifications | (by contact Bointec Sales)        |

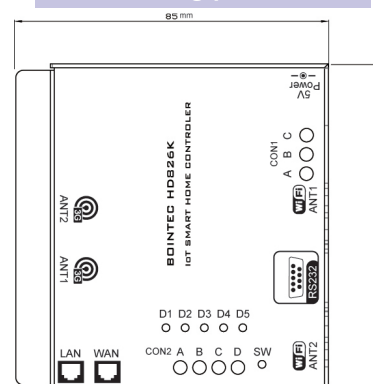
## Product quick glance



## Connection diagram



## ME Drawing/placement



## Ordering Information

| PART NUMBER      | DESCRIPTION                              |
|------------------|--|
| TFGA-HD826K00-11 | finished non packaing,Bointec,HD826K     |
| TWRN-2461201-001 | 2.4GHz wifi antenna, SMA MF, simple,2dbi |
| TWRN-2461201-001 | 2.4GHz wifi antenna, SMA MF, 5dbi        |



**We are Your Partner more than Business**

TAIJET BOINTEC CO LTD  
 4F, #114, ZHOULI ST., NEIHU-TAIPEI 11493, TAIWAN  
 TEL: +886-2-2759-0081 EMAIL: contact@bointec.com  
 WWW.BOINTEC.COM

(C)BOINTEC. All rights reserved. Bointec & the Bointec logo are the trademarks of Taijet Bointec, which may be registered in some jurisdictions. All other brands and product names are registered trademarks of their respective holders. Information supplied by Bointec is believed to be accurate and reliable. Bointec assumes no responsibility for any errors in this brochure. Bointec reserves the right, without notice, to make changed in product design or specifications.

Bointec Authorized Distributer