

INNO8o6

RS-232/0-10V/DALI/ Dry Contact to ZigBee Converter









INNO806 that allows RS-232/0-10V/DALI/ Dry Contact interfaces to convert to an area with ZigBee wireless network. The ZigBee Converter can be compatible with universal ZigBee gateway.

Technical Data

| | |
|---------------------------------------|--|
| Input Voltage 輸入電壓 | 100-277V AC |
| Frequency Range 頻率範圍 | 50/60 Hz ± 5% |
| Input Interfaces and Protocol 輸入接口和協議 | <ul style="list-style-type: none"> • RS-232 • 0-10V • DALI • Dry Contact |

RS232 protocol RS232 協議

| RS232 input ASCII code | Content |
|------------------------|--|
| AxxxxON | Set the light group address xxxx to 100% brightness, xxxx is the Hex Address. Example, set 025E to 100%, A025EON |
| AxxxxOFF | Set the light group address xxxx to OFF |
| AxxxxDIM+ | Set the light group address xxxx brightness+1 |
| AxxxxDIM- | Set the light group address xxxx brightness-1 |
| AxxxxDIMxx | Set the light group address xxxx brightness to xx. Example, DIM70 – Set the group address xxxx brightness to 70%. |
| AxxxxCT+ | Set the light group address xxxx color temperature+1. Range(0-100) |
| AxxxxCT- | Set the light group address xxxx color temperature-1. Range(0-100) |
| AxxxxCTXX | Set the light group address xxxx color temperature to xx. Example, CT50 – Set the group address xxxx color temperature to 50%. |
| ON | Set the binding lights to 100% brightness |
| OFF | Set the binding lights to OFF |
| DIM+ | Set the binding lights brightness+1 |
| DIM- | Set the binding lights brightness-1 |
| DIMxx | Set the binding lights brightness to xx. Example, DIM70 – Set the binding lights brightness to 70%. |
| CT+ | Set the binding lights color temperature+1. Range(0-100) |
| CT- | Set the binding lights color temperature-1. Range(0-100) |
| CTXX | Set the binding lights color temperature to xx. Example, CT50 – Set the binding lights color temperature to 50%. |

| | |
|---|--|
| Zigbee Wireless frequency and transmit power Zigbee無線頻率和發射功率 | 2,4 GHz (2400,0...2483,5 MHz) +20dBm ZigBee transmit power |
| Antenna Radio Protocol 天線無線電協議 | IEEE802.15.4 / ZigBee Pro Meshnet |
| Max Transmission distance 最遠傳輸距離 | <ul style="list-style-type: none"> • Internal Antenna: 30 meter without isolation location • 內部天線: 30米在無隔離位置 • External Antenna: 30 meter Max without isolation location • 外部天線: 30米在無隔離位置 |
| OTA (On The Air Upgrade) 無線軟件升級 | YES |
| Power consumption Stand-by 待機功耗 | <1.0W |
| Interface 接口 | External Antenna 外部天線 |
| Protection 保護 | <ul style="list-style-type: none"> • Short Circuit Protection 短路保護 • Over Voltage Protection 過壓保護 • Over Temperature Protection 過壓保護 |
| MTBF (Mean Time Between Failures) 平均故障間隔時間 | <ul style="list-style-type: none"> • 100K hrs min. @ 230VAC full load and 25°C ambient temperature • 最短100K小時 @ 230VAC滿載和25°C環境溫度 |
| Operating Ambient temperature 工作環境溫度 | (Ta)-20°C to 60°C |
| Max. housing temp. 最大外殼溫度 | (Tc) 85°C |
| Relative humidity 相對濕度 | 10% to 90% non-condensing |
| Protection class 保護等級 | IP20 - (IEC 60529) |
| Housing Material 外殼材料 | Polycarbonate (matte white) 聚碳酸酯 (啞光白) |
| Dimension (L*W*H) 尺寸 | 140x50x30mm |
| Net Weight / Gross Weight 淨重/毛重 | 100g |
| Certification Standard 認證標準 | Safety Standards : EN60950-1:2013; EN62479:2010; EN301 489-1 V1.9.2 ; EN301 489-17 V2.2.1 ; |
| Country of Design 設計國家 | United Kingdom 英國 |
| Country of Origin 產地 | PRC 中國 |
| Warranty Period 保修期 | 3 Years 3年 |
| Certification |       |

| | | |
|---------|----------|------|
| Project | Fixture# | Date |
| | | Firm |

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [INNO806-IA](#)

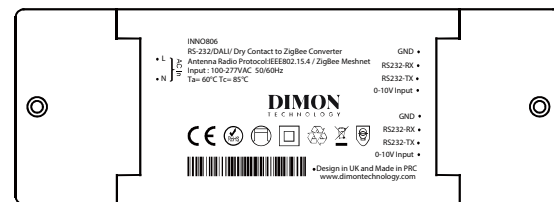
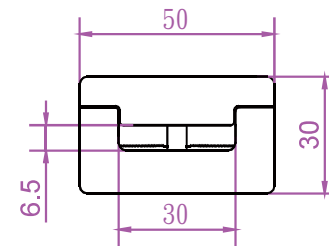
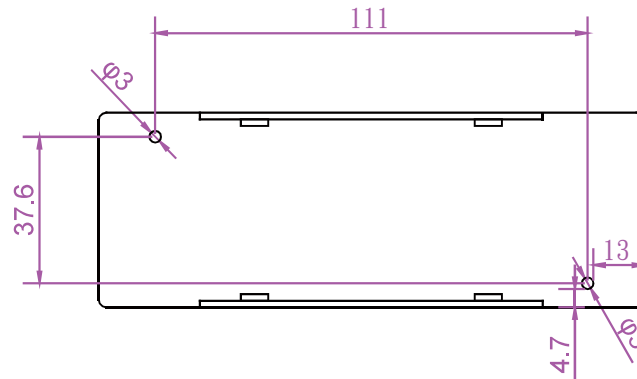
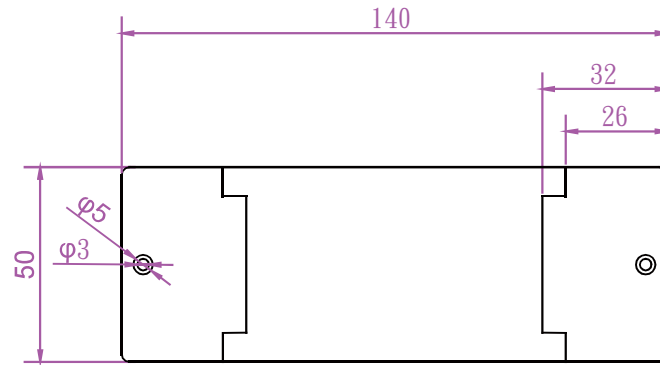
INNO806 - - _____
Antenna

| Antenna | |
|---------|------------------|
| Code | Description |
| IA: | Internal antenna |
| EA | external antenna |

Accessories



Technical Drawing



Unit: mm