

CG102BS-R ZigBee RS232 Interface



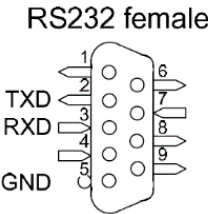
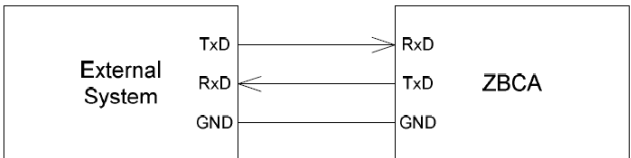
CG102BS-R
ZigBee Base Station

Description

- ZigBee wireless remote control.
- Based on IEEE 802.15.4.
- 2.4GHz radio frequency.
- External system interface with CityGrow ZigBee devices through RS232/ZigBee interface.
- High speed and 2-way communications.
- High secured transmission AES128 Bit encryption.
- Through CG102RS232, you can centralize control and manage single ZigBee device, groups of ZigBee devices, such as lighting, A/C, curtain, AC outlet and IR AV control.
- Compatible with CityGrow's HomeNET2 mobile App.
- LED indicator for power and status indication.
- Powered by external power adaptor. (Included)
- Easy to install.

PRODUCT SPECIFICATION

Specification

Item	Description																														
Power supply	Powered by external AC adaptor DC6V 1A																														
ZigBee wireless communication	ZigBee wireless remote control Based on IEEE 802.15.4																														
RF frequency	2.4GHZ																														
RS232 Serial interface	<p>Standard DB9 female connector</p>   <p>Figure 2-2 RS232 Interface connection between external system and ZBCA</p> <p>Table 2-1 Physical characteristics of the UART interface</p> <table border="1"> <thead> <tr> <th>PARAMETER</th> <th>MIN</th> <th>TYP</th> <th>MAX</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>Date Rate</td> <td>-</td> <td>57,600</td> <td>-</td> <td>bps</td> </tr> <tr> <td>Framing</td> <td colspan="4">8N1</td> </tr> <tr> <td>Hardware flow control</td> <td colspan="4">Nil</td> </tr> <tr> <td>Voltage Level of bit '0'</td> <td>+5</td> <td>12</td> <td>15</td> <td>V</td> </tr> <tr> <td>Voltage Level of bit '1'</td> <td>-15</td> <td>12</td> <td>-5</td> <td>V</td> </tr> </tbody> </table>	PARAMETER	MIN	TYP	MAX	UNIT	Date Rate	-	57,600	-	bps	Framing	8N1				Hardware flow control	Nil				Voltage Level of bit '0'	+5	12	15	V	Voltage Level of bit '1'	-15	12	-5	V
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RF frequency	2.4GHZ																														
Operating temperature	0°C to 40°C																														
Operating humidity	5% to 95% non-condensing																														
Unit Dimension L x W x D (mm)	130 x 130 x 402mm																														
Storage	-20°C to 70°C																														