



# IDRATEK

INTELLIGENT AUTOMATION

## **XGW-001 X10 Gateway**

IDRATEK LTD  
8 Clanfield Court  
Newcastle Upon Tyne  
NE3 1TZ  
UK

t: +44 191 2840686  
w: [www.idratek.com](http://www.idratek.com)



*The information in this document is provided for guidance only. IDRATEK Ltd reserve the right to make any necessary changes, without notice, in order to improve the quality of their products.*

The X10 Gateway module is intended to provide a bridge between the popular X10 mains borne networking system and IDRANet. The gateway module interfaces to X10 via an X10 CM12U module (or equivalent). The gateway thus allows any IDRANet connected modules to send and receive data to the X10 network.

In common with other IDRANet modules the functional setup state can be saved in on-board non-volatile memory at any time, thus ensuring that the system operational mode is preserved in the event of a power down or reset.



#### Physical

- Connection to CM12U (or equivalent) via CM12U supplied serial cable (RJ11 to 9 Way D)

#### Functional

- Fully IDRANet Compatible
- Status indicator LED
- Communication indicator LEDs
- Allows control of X10 modules from IDRANet devices
- Allows incoming X10 data to be passed to IDRANet and thus to control other IDRANet devices

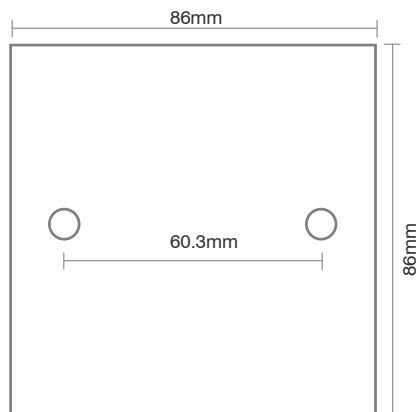


#### Electrical

- Operating voltage 12-15V DC
- Current consumption 17mA (nom), 25mA (max)

#### Environmental

- Operating temperature 0°C to +45°C
- Operating humidity 5% to 95% (non-condensing)

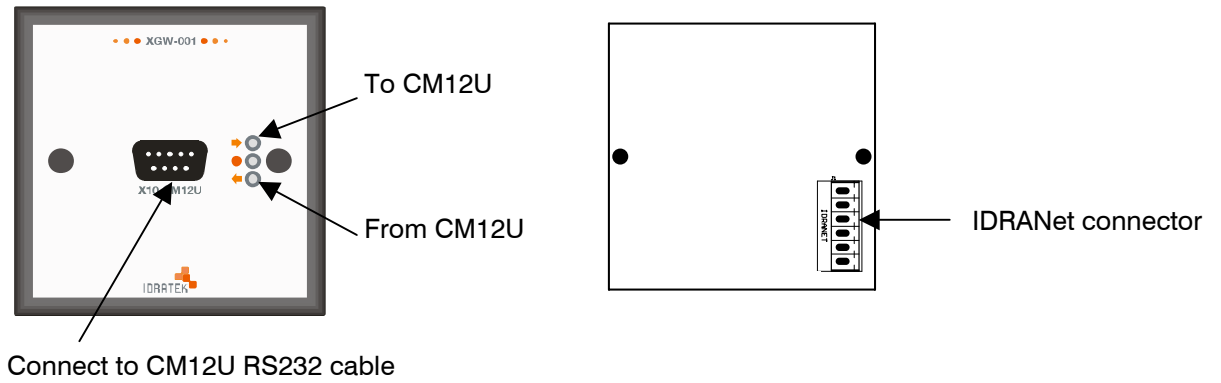


#### Mechanical

- Designed to fit UK standard 35mm deep electrical pattress
- 60.3mm fixing centres using standard M3.5 screws



Module Connections



Example Connectivity

