iRidium for Clipsal

Description on the web site
Specification

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Contents

iRidium for Clipsal is a package of tools for creating interfaces and controlling automation systems on the basis of Clipsal controllers. iRidium enables sending and receiving data about the state of device groups using the C-Bus Serial protocol.

iRidium can connect to Clipsal equipment in 2 ways:

1. Via the CNI Ethernet interface (the **Clipsal** driver in GUI Editor).

2. Via the C-Gate software (the **Clipsal Gate** driver in GUI Editor).

In iRidium you can control the following types of applications:
*Lighting – it is used mainly for controlling light but also for other electrical load (shutters, ventilators, etc.)

- Heating
- Room Control
- Security
- Metering
- Trigger Control – activate several commands (scenes) by pressing on one button
- Enable Control
- Temperature Broadcast
- Ventilation
- Access Control
- Clock
- Telephony
- Air Conditioning
- Measurement
- Irrigation Control
- Audio / Video
- Pool
- Media Transport
- Hvac Actuator 1
- Hvac Actuator 2
- Custom (for custom applications) – if you create your own applications they will be defined as

Custom when you import it in GUI Editor. In the field below you will be able to indicate the application number.

There are two ways to use iRidium:

Standard way consists of creation of a graphic interface and setting up of communication with the system through the C-Bus Serial Protocol. You use all capabilities of control and visualization in iRidium – graphic effects, working with lists, working with control panel sensors, multiplatformity, etc.

Advanced way suggests using iRidium Script. iRidium Script allows you to work with graphics, native drivers and create your own drivers. It substantially extends the graphics capabilities and allows you to add control of any other equipment, for example XBMC and Sonos, in your projects.

This manual introduces only the standard way of using iRidium for controlling Clipsal equipment via TCP (without using scripts).

Instructions

Downloads

Projects with examples of equipment control:

- **Download: iRidium for Clipsal (Lighting) (1.1 Mb)**
- **Download: iRidium for Clipsal (Air Conditioning) (0.8 Mb)**