iGENT
DMX / RS232 / RS422 Converter

iGENT is a device that serves as a multi-functional converter from DMX to RS232 commands. The main feature is easy control user interface that helps to create and program new commands into the device.
iGENT was developed to control the DMX projectors, plasma TV displays and other devices with RS232 or RS422 port.
The device can also be controlled using the W-DMX signal and features the W-DMX true OUT function resulting the presence of the DMX signal from the W-DMX on the DMX OUT connector.

Power supply
AC230V / 50Hz / 16A max

Operating temperature
-20 °C to +60 °C

Housing
Steel; with powder coating

Dimensions & Weight
150 x 44 x 145mm, 0.8kg

Warranty
2 years

iGENT features:

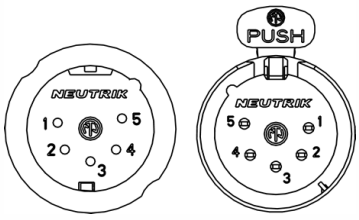
- DMX / W-DMX controlled
- DMX / W-DMX true output
- Built-in power supply
- USB port for firmware upgrade / software commands update

DMX 512 / W-DMX port

- USITT DMX 512 (1990) output protected with transil diodes
- W-DMX OEM module – wirelessdmx.com

Pin connection on the 5-pin XLR plug:

Pin 1:	**GND**
Pin 2:	**DMX -**
Pin 3:	**DMX +**
Pin 4, 5:	**Not connected**



RS232 interface:

RX/TX + RTS/CTS

RS422 interface:

RX pair + TX pair

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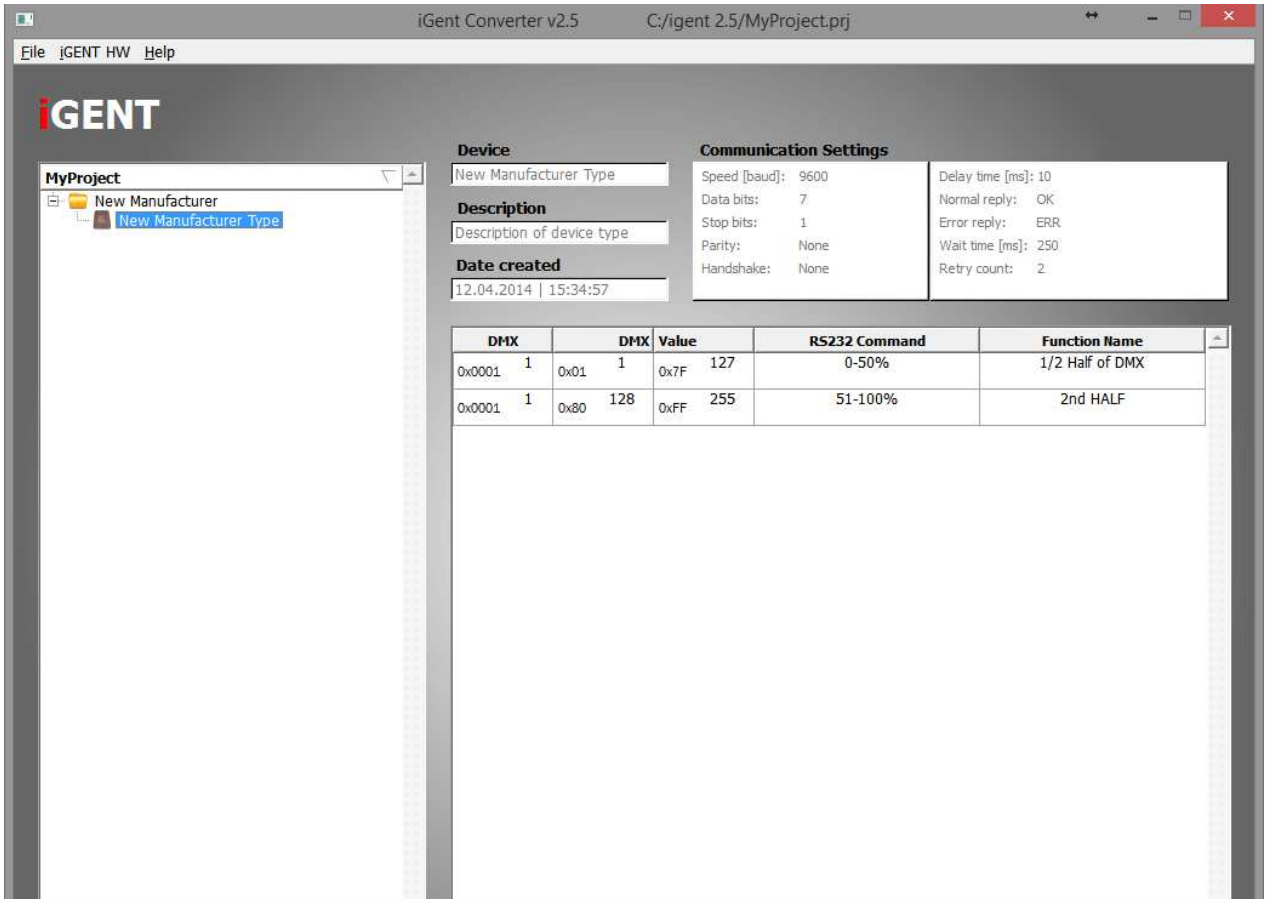
iGENT software:



Software options:

1. **Load and save configurations**
    a. From/to file
    b. From/to USB key

2. **Custom configurations for all RS232/RS422 devices:**
    a. Variable DMX start address
    b. Variable DMX channel value/range
    c. Variable command message
    d. Assigning of the RS232/422 command to:
        - DMX channel 1-512
        - DMX value 0-255
        - DMX values range 0-10 and 30-255

3. **Custom communication preferences:**
    a. RS232/RS422 speed
    b. Variable data bits, stop bits, handshake
    c. Variable command delay time
    d. Variable normal/error reply processing
    e. Variable wait for reply to command
    f. Variable delay-time between commands