AEIRTU

BASIC CONFIGURATION

VERSION: 1.0

Initial setup

Follow the steps attached to set up the network, date/time and have access to the RTU test programs.

Important to check with your infrastructure which network parameters will be configured on the equipment before installation (IP, mask, subnet, NTP servers, etc...).

NTP servers are important to keep the date and time of the equipment updated, and it depends on the correct date and time to sequence the tag passes.

Licensing

1. Download the binary at Gethwinfo. Access www.intertechrail.com, and register on the user access page. The file is in the Remote Terminal Unit folder

2. Copy the binary to the remote in a temporary folder (Create a Folder "Temp" in the login root). Use the PuttySCP software.

3. Run the binary ($./gethwinfo). It will generate a file "HWInfo". Copy this file out of the remote and send me to the email: renato@intertechrail.com.

Energizing and connecting the axis sensors

1. Connect the power to the points indicated by adhesives inside the panel

2. Plug in the socket and check that the system has gone into operation (you can check the LEDS and/or connect an HDMI monitor to the corresponding port located at the top right of the control hardware)

3. Connect the Axis sensors

Utilize o programa “/home/admin/utils/showinputports” para verificar o estado do I/O dos sensors:

$ sudo chmod o+rw /dev/dio

$ ./showinputports

This program is shown on the screen in loop the state of the remote I/Os.

Pass a metallic object through the sensor and you will see signals a and B pulsate on the screen.