



# AET1

## TTL TO ETHERNET TCP/IP GATEWAY



### User Manual

Code: ISTR-MAET1ITAENG01 - Vr. 1.0 (ENG)

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### FOREWORD



This manual contains the information necessary for the installation, use and maintenance of the product, we therefore recommend that the utmost attention is paid to the following instructions and to save it.

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Ascon Technologic and its legal representatives do not assume any responsibility for any damage to people, things or animals deriving from violation, wrong or improper use or in any case not in compliance with the instrument features.



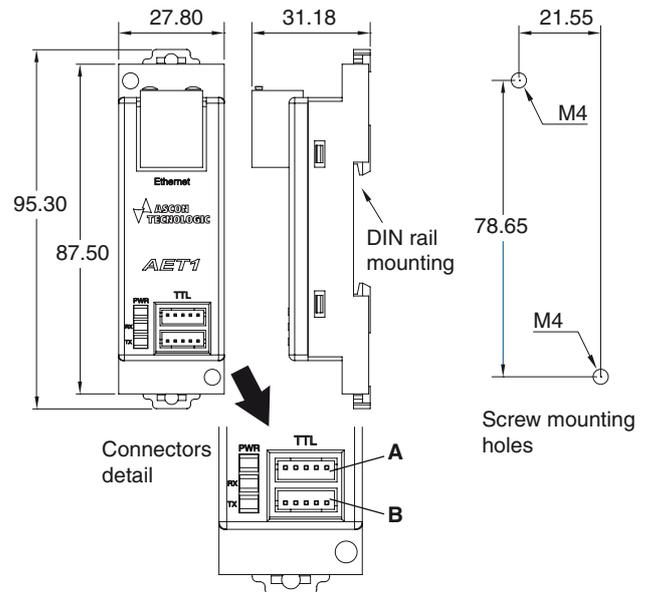
Whenever a failure or a malfunction of the device may cause dangerous situations for persons, thing or animals, please remember that the plant must be equipped with additional electromechanical devices which will guarantee safety.



#### Disposal

The appliance (or the product) must be disposed of separately in compliance with the local standards in force on waste disposal.

### 1 OUTLINE DIMENSIONS (mm)



#### 1.1 Mounting requirements

This instrument is intended for permanent installation, for indoor use only, in an electrical panel which encloses the rear housing, exposed terminals and wiring on the back. Select a mounting location having the following characteristics:

1. It should be easily accessible;
2. There is minimum vibrations and no impact;
3. There are no corrosive gases;
4. There are no water or other fluids (i.e. condensation);
5. The ambient temperature is in accordance with the operative temperature (0... 50°C);
6. The relative humidity is in accordance with the instrument specifications (20... 85%).

### 2 CONNECTION DIAGRAM

#### 2.1 General notes about wiring

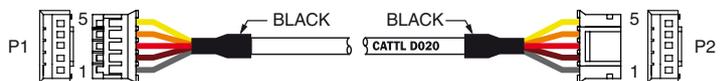
Do not run the communication cables (TTL or Ethernet) together with power cables.

#### 2.2 TTL Connection

##### 2.2.1 Cable identification

Cable models: CATTL D020;

Identification: Both side with a black tube.



#### 2.3 Ethernet Connection

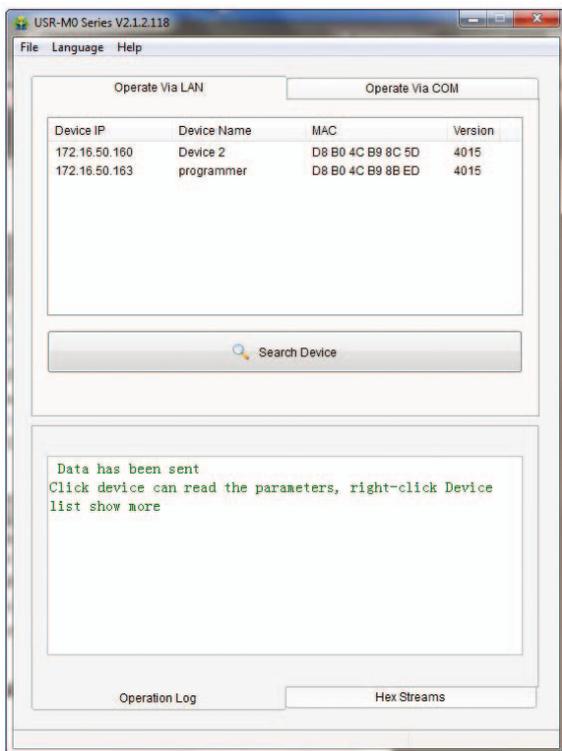
The Ethernet connection is made with a standard Ethernet cable with RJ45 connectors.

### 3 HOW TO PROCEED

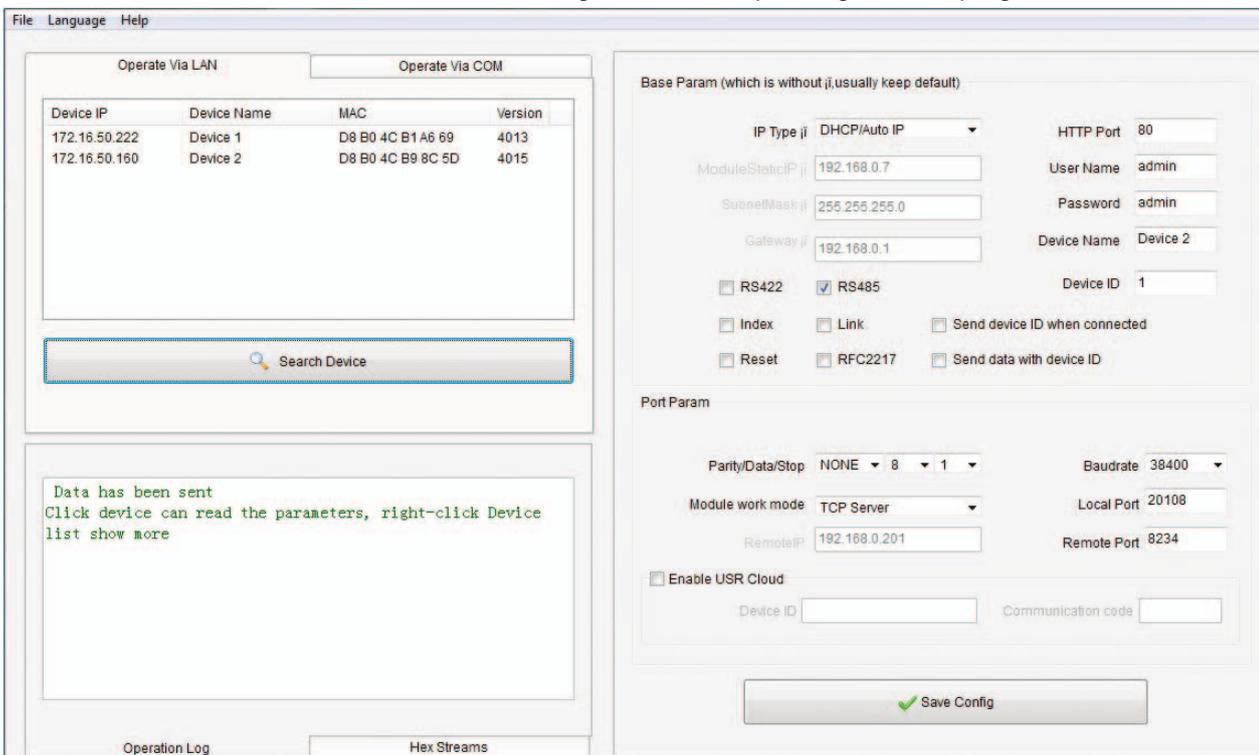
1. Connect the CATTL cable to the instrument that must be connected to the Ethernet network;
2. Power ON the instrument;
3. Plug the second side of the CATTL into connector **B**;
4. If the LED **PWR** turns ON, the connection is correct, otherwise, disconnect the CATTL cable from **B** connector and plug it into connector **A**;
5. The LED **PWR** turns ON.

## 4 HOW TO CONFIGURE THE AET1

1. From our website “[www.ascontecnologic.com](http://www.ascontecnologic.com)”, please, download the USR-MO- . . . . .EXE file;  
**Note:** USR-MO- . . . . .EXE file does not require to be installed;
2. Connect the AET1 to your ethernet network;
3. Double click on the USR-MO-.....EXE icon, appears the main screen of the program;



4. Click on the “**Search Device**” button;
5. With the mouse, select the desired device clicking on the corresponding line, the program shows:



6. Set the AET1 as shown in the figure;  
**Note:** The baud rate assigned to the AET1 must be the same assigned to the instrument.
  7. Push the “**Save configuration**” button.
- The AET1 is now configured.