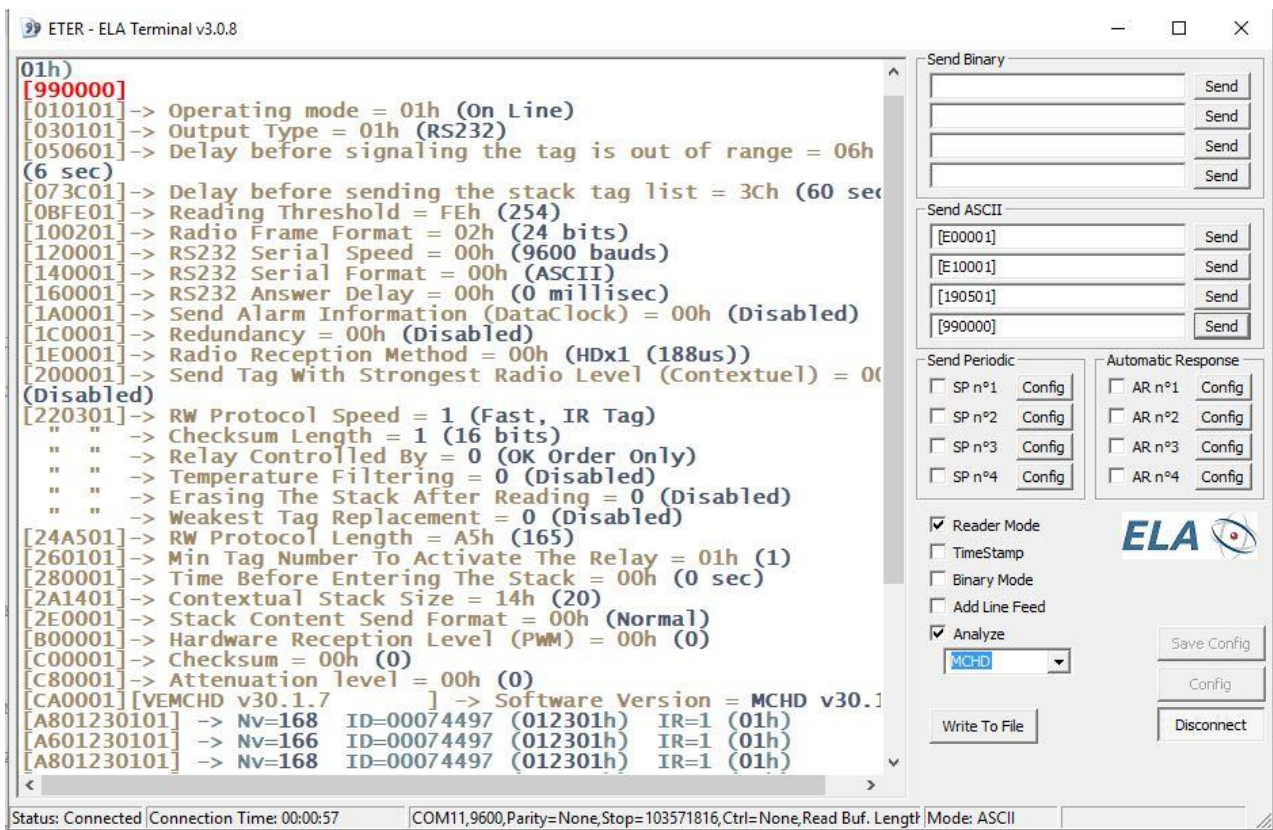


## Quick start

# ETER SOFTWARE ELA TERMINAL READER



The screenshot displays the ETER - ELA Terminal v3.0.8 application window. The main area shows a list of configuration parameters and their values, such as Operating mode, Output Type, Delay before signaling, and various protocol settings. The status bar at the bottom indicates the connection is established and the mode is ASCII.

**Configuration Parameters:**

- [01h]
- [990000]
- [010101] -> Operating mode = 01h (On Line)
- [030101] -> Output Type = 01h (RS232)
- [050601] -> Delay before signaling the tag is out of range = 06h (6 sec)
- [073C01] -> Delay before sending the stack tag list = 3Ch (60 sec)
- [0BFE01] -> Reading Threshold = FEh (254)
- [100201] -> Radio Frame Format = 02h (24 bits)
- [120001] -> RS232 Serial Speed = 00h (9600 bauds)
- [140001] -> RS232 Serial Format = 00h (ASCII)
- [160001] -> RS232 Answer Delay = 00h (0 millisecc)
- [1A0001] -> Send Alarm Information (DataClock) = 00h (Disabled)
- [1C0001] -> Redundancy = 00h (Disabled)
- [1E0001] -> Radio Reception Method = 00h (HDx1 (188us))
- [200001] -> Send Tag With Strongest Radio Level (Contextuel) = 00h (Disabled)
- [220301] -> RW Protocol Speed = 1 (Fast, IR Tag)
- " " -> Checksum Length = 1 (16 bits)
- " " -> Relay Controlled By = 0 (OK Order Only)
- " " -> Temperature Filtering = 0 (Disabled)
- " " -> Erasing The Stack After Reading = 0 (Disabled)
- " " -> Weakest Tag Replacement = 0 (Disabled)
- [24A501] -> RW Protocol Length = A5h (165)
- [260101] -> Min Tag Number To Activate The Relay = 01h (1)
- [280001] -> Time Before Entering The Stack = 00h (0 sec)
- [2A1401] -> Contextual Stack Size = 14h (20)
- [2E0001] -> Stack Content Send Format = 00h (Normal)
- [B00001] -> Hardware Reception Level (Pwm) = 00h (0)
- [C00001] -> Checksum = 00h (0)
- [C80001] -> Attenuation level = 00h (0)
- [CA0001] [VEMCHD v30.1.7] -> Software Version = MCHD v30.1
- [A801230101] -> Nv=168 ID=00074497 (012301h) IR=1 (01h)
- [A601230101] -> Nv=166 ID=00074497 (012301h) IR=1 (01h)
- [A801230101] -> Nv=168 ID=00074497 (012301h) IR=1 (01h)

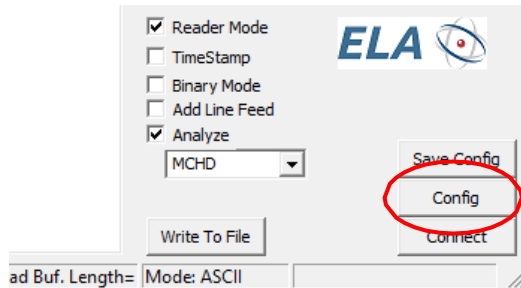
**Control Panel (Right Side):**

- Send Binary:** Four empty input fields with 'Send' buttons.
- Send ASCII:** Four input fields containing [E00001], [E:10001], [190501], and [990000], each with a 'Send' button.
- Send Periodic:** Four checkboxes (SP n°1 to n°4) with 'Config' buttons.
- Automatic Response:** Four checkboxes (AR n°1 to n°4) with 'Config' buttons.
- Reader Mode:**  Reader Mode,  TimeStamp,  Binary Mode,  Add Line Feed.
- Analyze:**  Analyze, with a dropdown menu set to 'MCHD'.
- Buttons:** Save Config, Config, Write To File, Disconnect.

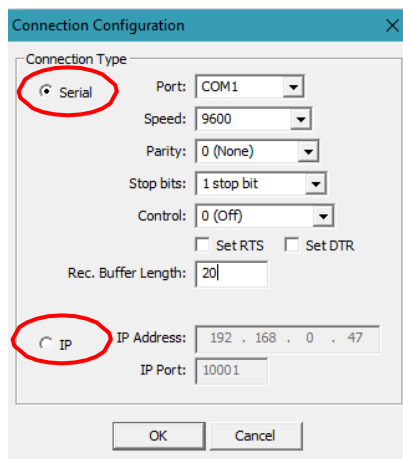
**Status Bar:** Status: Connected | Connection Time: 00:00:57 | COM11,9600,Parity=None,Stop=103571816,Ctrl=None,Read Buf. Length | Mode: ASCII

## 1 COMMUNICATION PORT CONFIGURATION

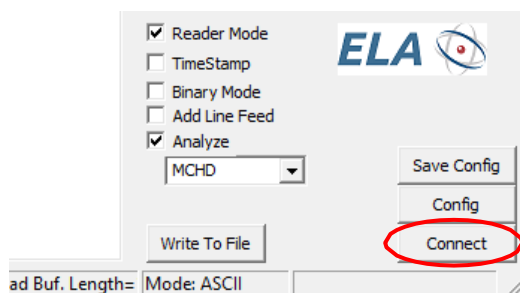
- Click on the **"CONFIG"** button.



- Depending of the type of SCIEL READER you use, you have option to **configure** either the **RS232 COM port or the IP port**.

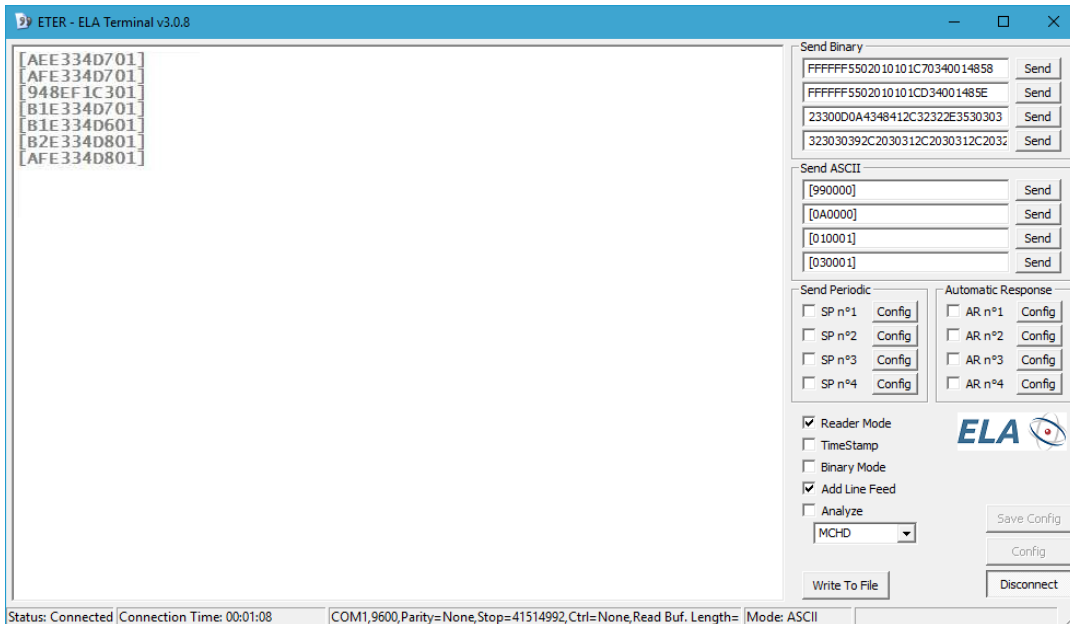


- Click on the **"CONNECT"** button to make effective the connection between your PC and the SCIEL READER device.



- All the ID's code received will be displayed in the real-time window.

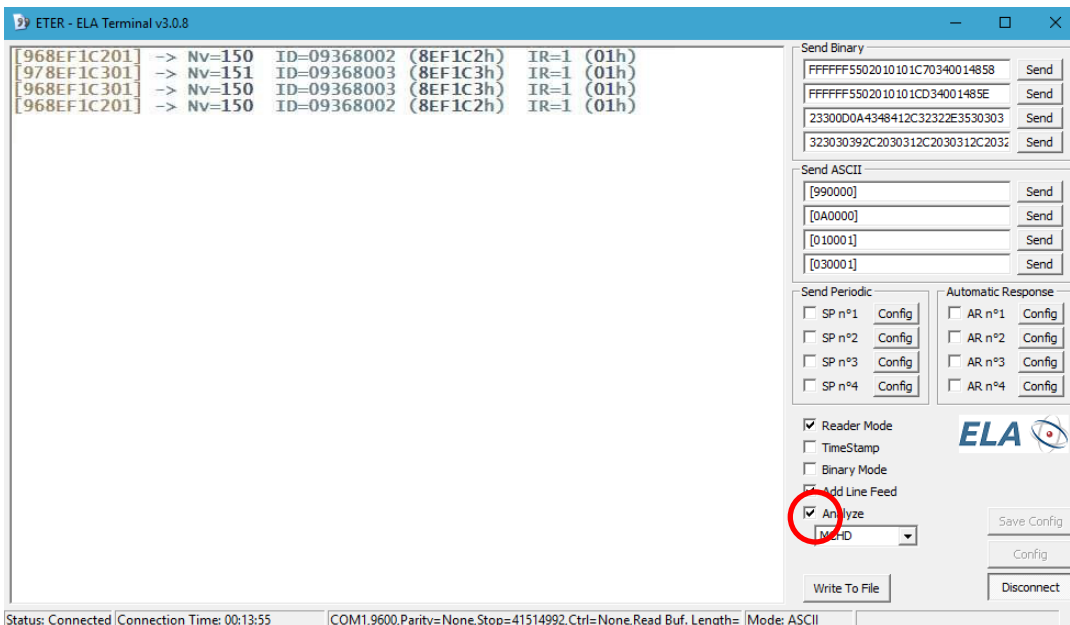
## 2 HOMEPAGE



Example for reception of ID's codes in the "ON LINE" mode



If you want to **see all the frame's details** in hexadecimal and decimal values, tick the checkbox "Analyze".



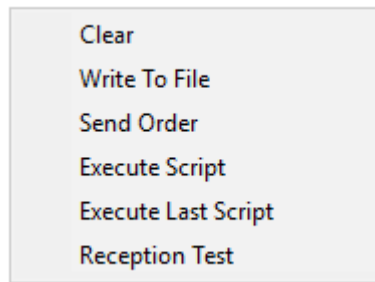
Example for reception of detailed ID's codes with decimal and hexadecimal values (checkbox « Analyze » checked)



Except in CUSTOM parameter, "Analyze" is non-functional in 32 bits.



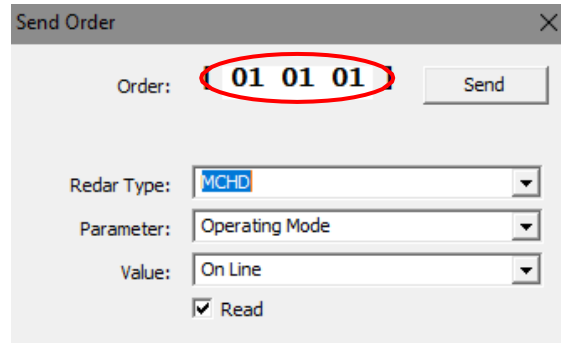
By right-clicking on the main window, a list of 6 choices appears



### 3 SENDING AN ORDER

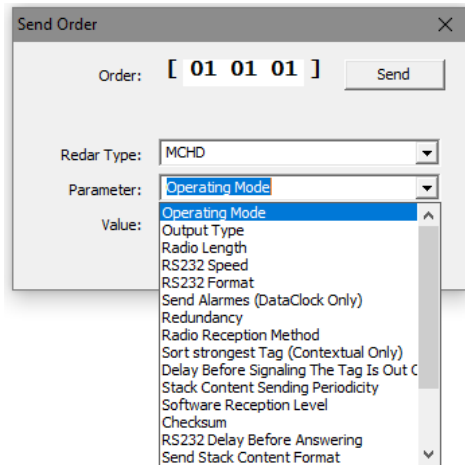
Please refer to the MCHD Software specifications to know all the commands supported by our SCIEL READER devices. This list can be downloaded from our website : [Reader communication protocol - Software Datasheet](#)

- 👁 Through the drop-down list, please select the choice “**Send Order**”.
- 👁 Then either you fill directly the field “**Order**” with the selected programming order.



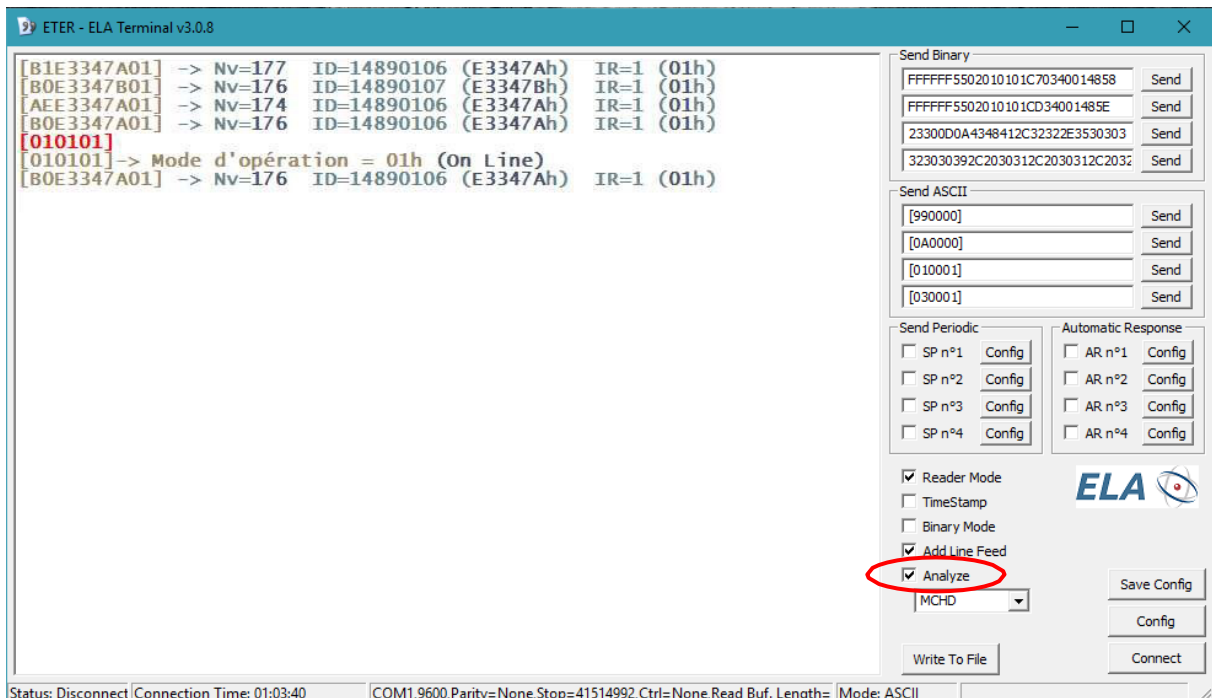
Or you can also select on the 3 drop-down lists:

- The type of reader: MCHD for all our SCIEL READER (SCIEL READER R, SCIEL READER WF, SCIEL READER IP, SCIEL CARD) and UTP for our UTP DIFF2 device.
- The type of commands: please refer to the MCHD Software Specifications.



- The Communication mode between the reader and the PC: ON LINE, CONTEXTUAL, PERIODIC CONTEXTUAL, or ON DEMAND CONTEXTUAL

Example: "Operating mode" command



- The answer is displayed with details: « On Line », since the check-box "Analyze" is activated.