DTA-WCOM

User Manual

Wireless interface for remote COM

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Translated by Helen Kleinlugtebeld

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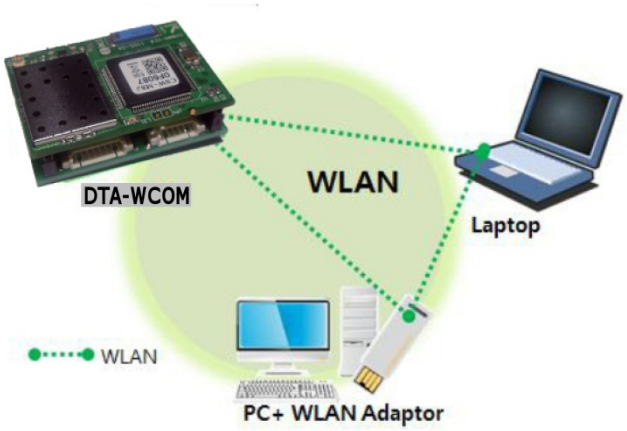
INSTALLATION

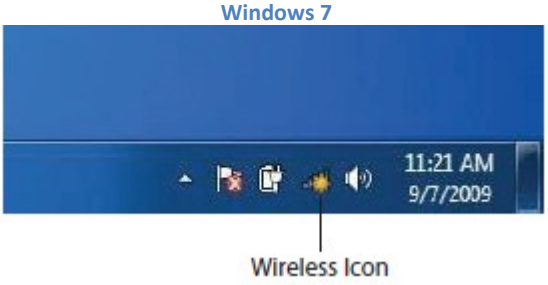
This manual describes how to install a virtual serial port DTA-WCOM through a WiFi connection.
After installation, the PC will have an additional serial port available through the wireless network.
The type of connection to set up is an Ad-Hoc connection, more commonly known as peer-to-peer.



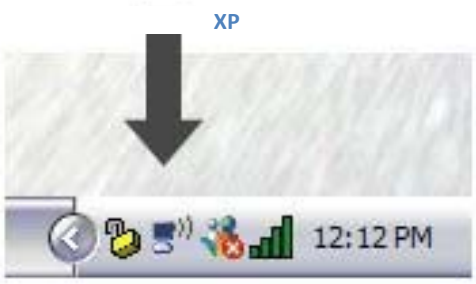
The first thing you need to do is to make sure that our device is present as wireless network.
Therefore, you need to switch on our device and open the standard Windows icon for wireless networks (for the example below Windows 7 has been used, but it is also valid for other operating systems).

So, click on the icon:

Windows 7



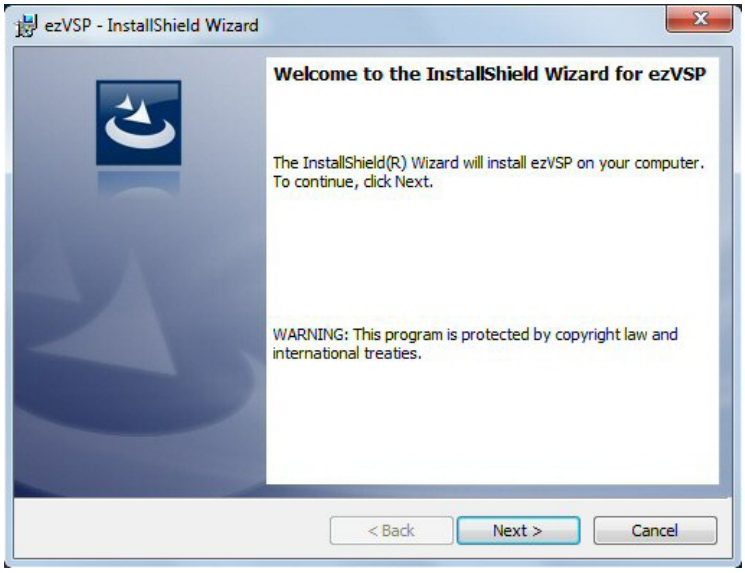
XP

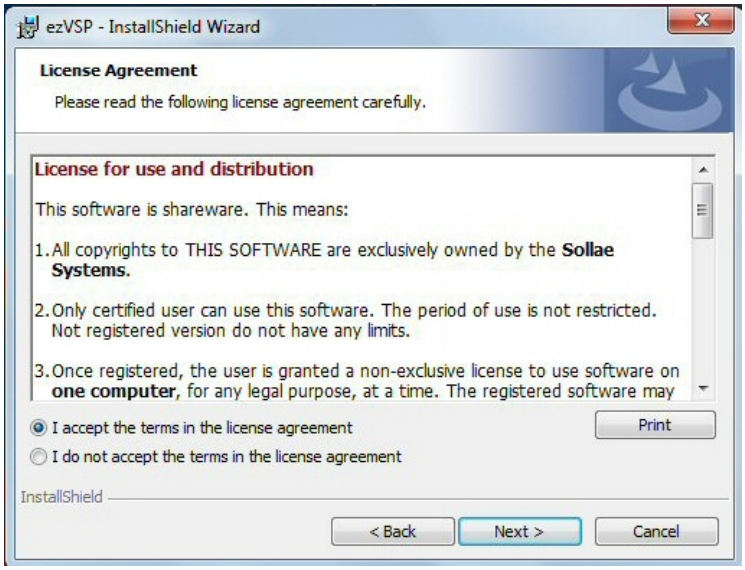


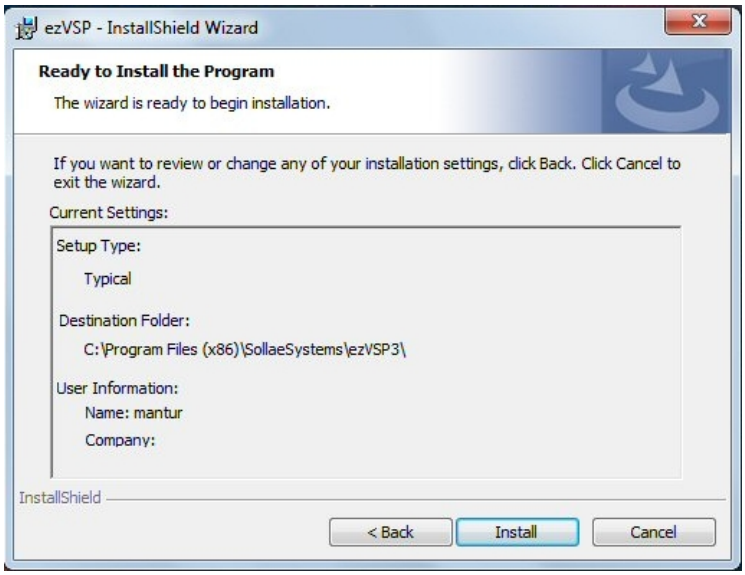
If all works well, DTA-WCOM will also be shown in the list of wireless networks.

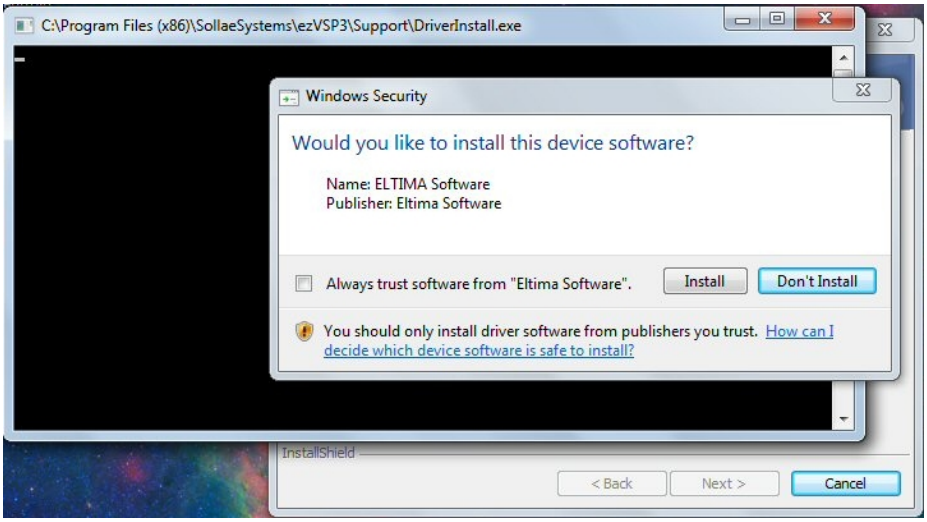
Once the presence of the network has been verified, you can install the software that creates the virtual port ezVSP3_40G.exe

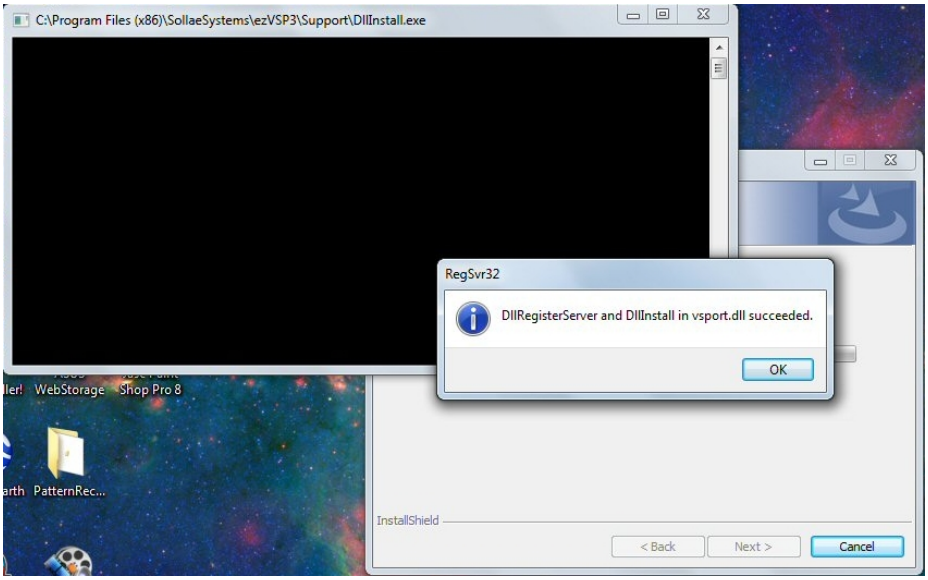
Different screens will be shown; you need to press NEXT and INSTALL:

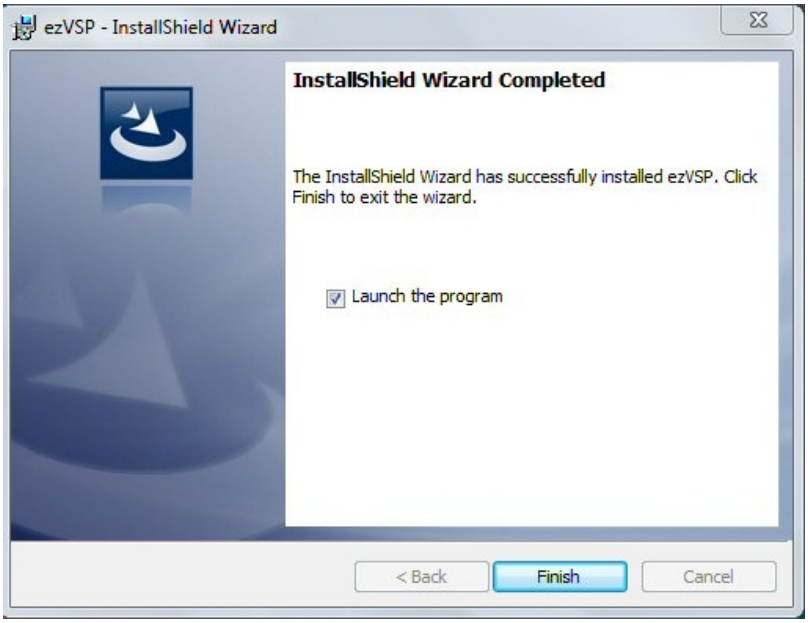




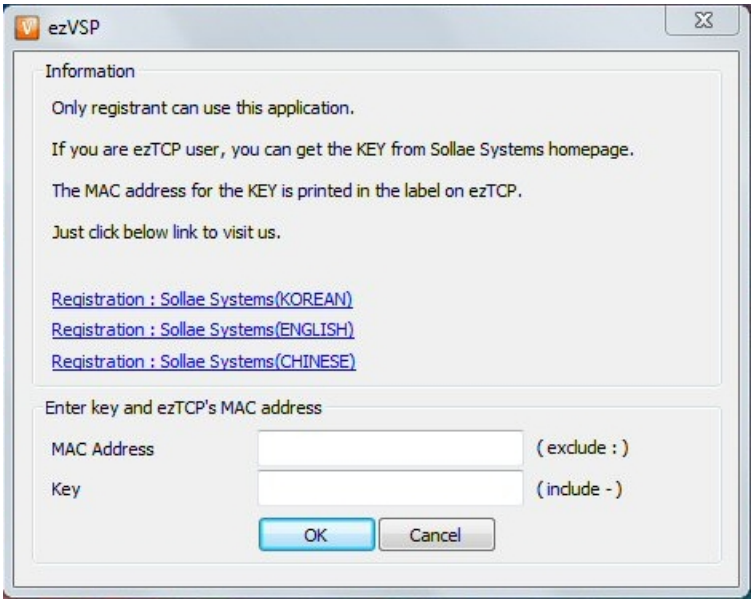



C:\Program Files (x86)\SollaeSystems\ezVSP3\Support\DriverInstall.exe
Windows Security
Would you like to install this device software?
Name: ELTIMA Software
Publisher: Eltima Software
Always trust software from "Eltima Software".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?
InstallShield
< Back
Next >
Cancel


C:\Program Files (x86)\SollaeSystems\ezVSP3\Support\DllInstall.exe
RegSvr32
DllRegisterServer and DllInstall in vsport.dll succeeded.
OK
WebStorage
Shop Pro 8
PatternRec...
InstallShield
< Back
Next >
Cancel


ezVSP - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed ezVSP. Click Finish to exit the wizard.
Launch the program
< Back
Finish
Cancel

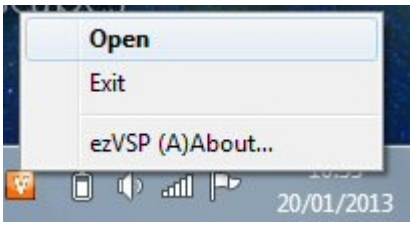
The last screen asks to insert the two codes you received together with the product:



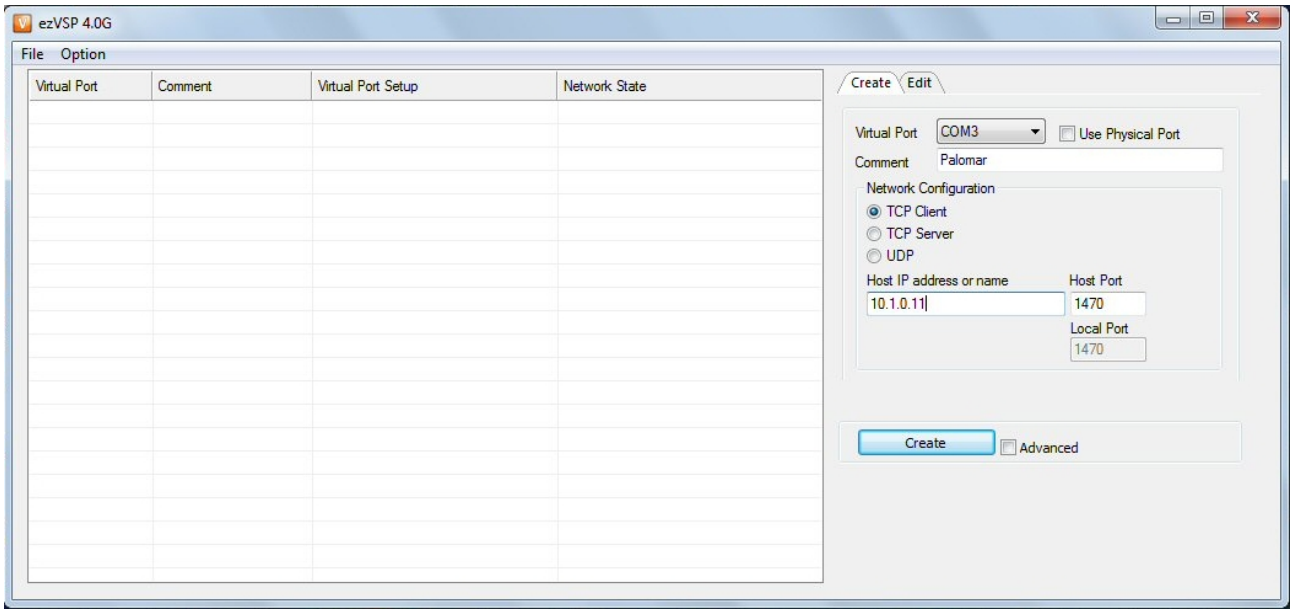
After insertion of the two codes (MAC Address and Key) the software is installed and executed.

Now you need to create a virtual serial port, at least the first one that executes this installation.
Subsequently, the virtual serial port will be created every time you restart the system.
Therefore, you need to open the program you just installed. You can easily find the program's icon on the desktop notification area:

After positioning the mouse on the icon and after pressing the right button, the below menu will appear. Now, choose OPEN.



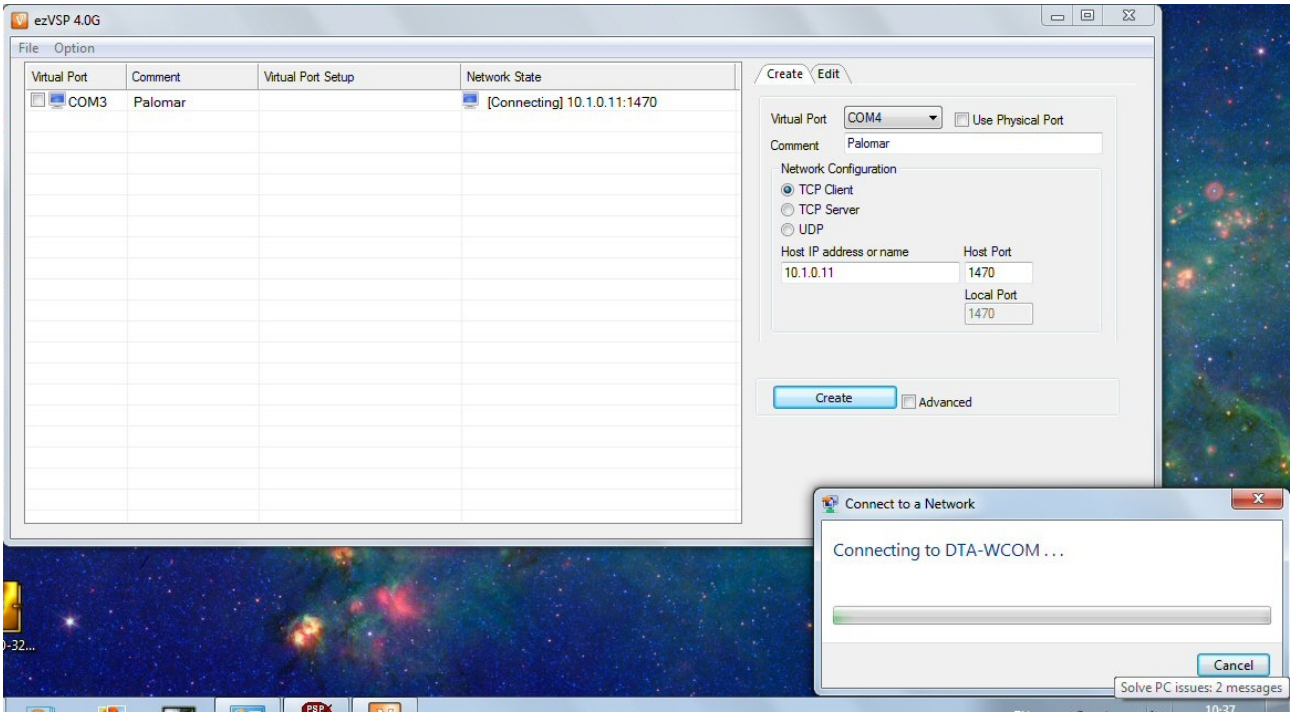
The following creation and configuration panel will appear:



Fill out the fields as shown and press the CREATE button. In the example a virtual port with COM3 reference is being created; of course you can choose another one in accordance with the physically already existing ones!

After having pressed the CREATE button, the creation process will start and after a few seconds it will appear in the left list. However, in order that all really works well, you need to connect to the DTA-WCON network.
Therefore, you just have to open the wireless networks icon again, choose DTA-WCON and press Connect.

After this, you will see something like shown below:

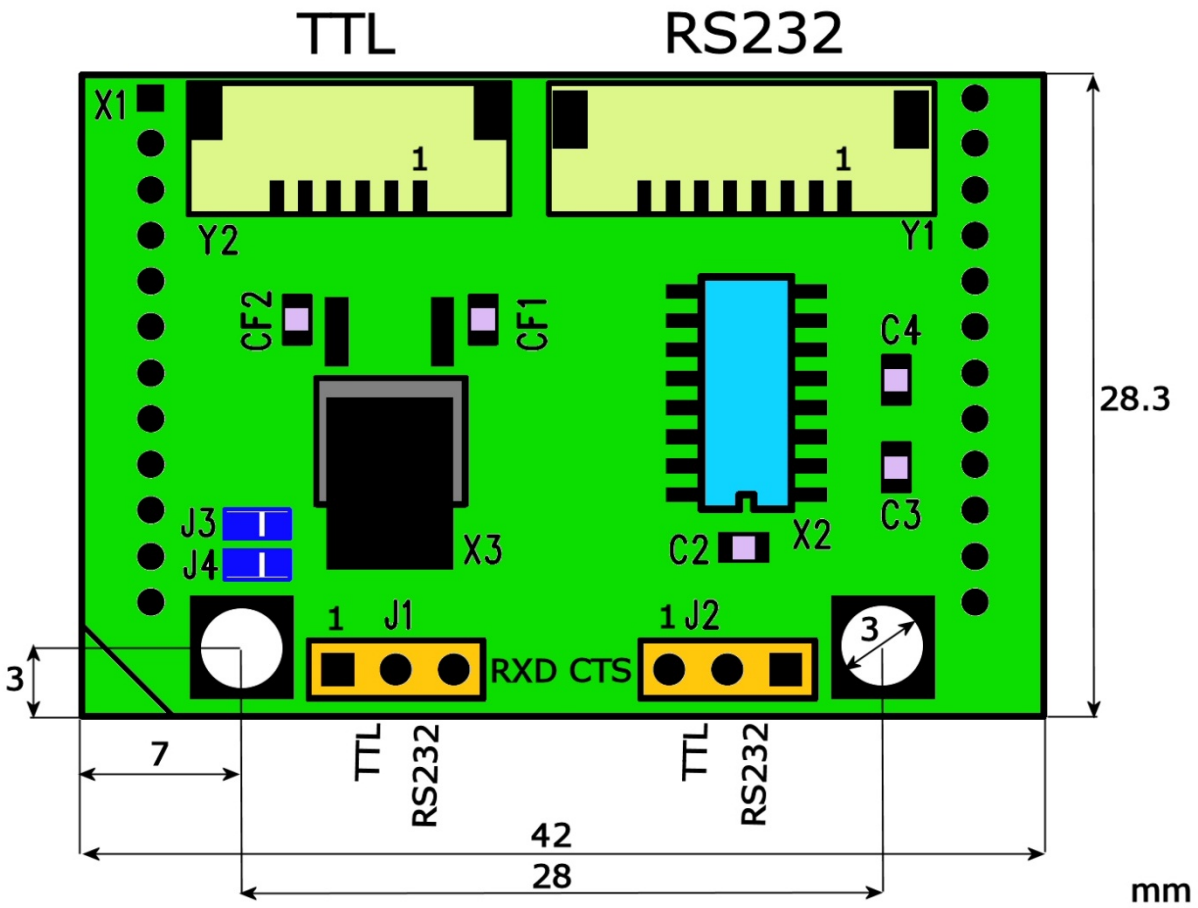


If everything proceeded well, CONNECTED in the connection status will also appear in ezVSP.
In order to check if you successfully installed serial port COM3 (in this example), go to DEVICE MANAGER in CONTROL PANEL and see if it is listed.

The only thing you need to do every time you restart the system, is to connect to the wireless network DTA-WCOM in order to enable the connection with the virtual serial port.

From now on, you can control the device from a distance and, at the same time, maintain perfect compatibility with the serial protocol.

BOARD DIMENSIONS



DESCRIPTION OF CONNECTORS

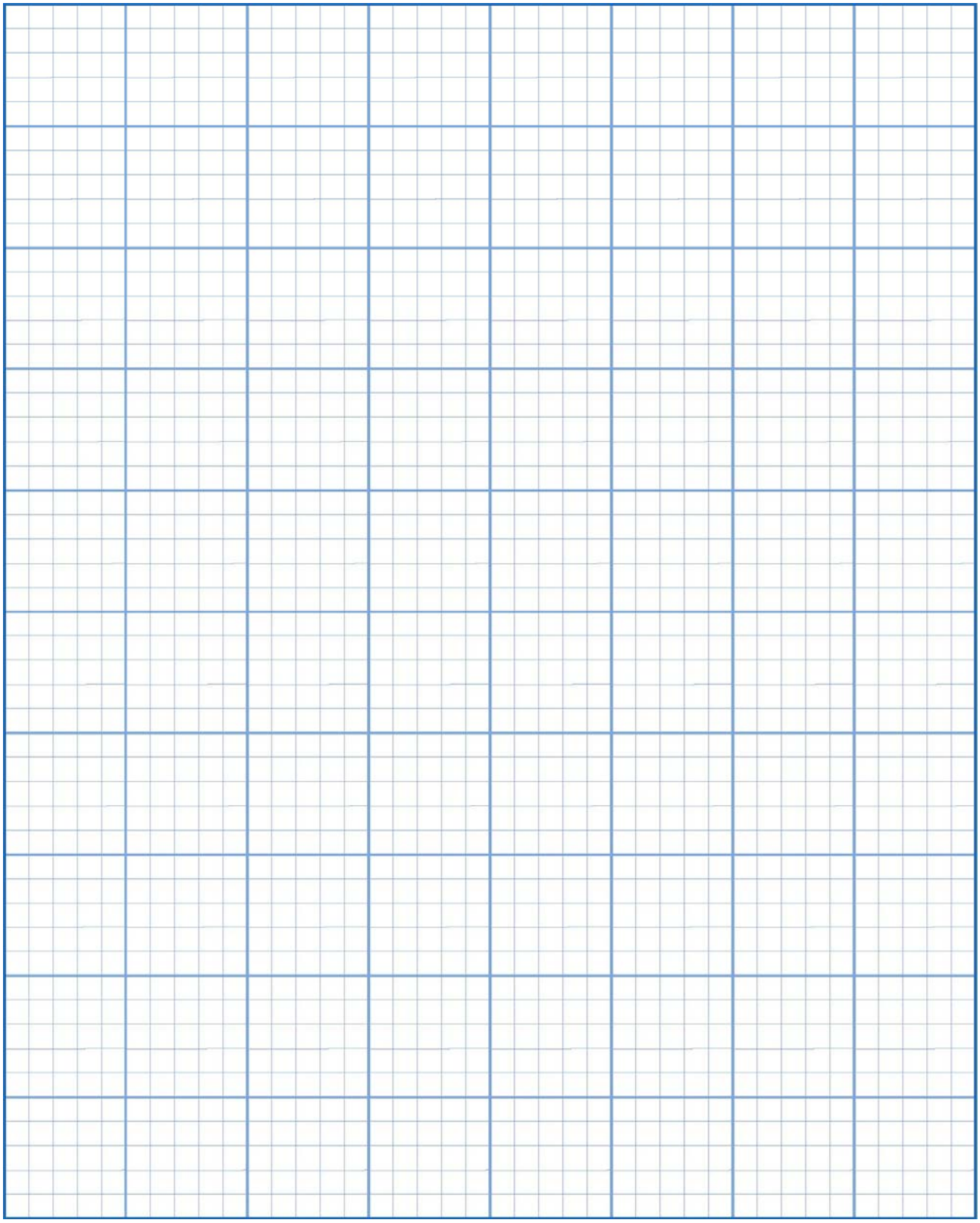
Y1 – RS232

PIN	SIGNAL	DESCRIPTION
1	TXD	Transmit data (OUT)
2	RXD	Receive data (IN)
3	RTS	Request To Send (OUT)
4	CTS	Clear To Send (IN)
5	+5V	Power input
6	+3.3V	Power output (500mA)
7	GND	Ground
8	GND	Ground

Y2 – TTL

PIN	SIGNAL	DESCRIPTION
1	TXD	Transmit data (OUT)
2	RXD	Receive data (IN)
3	RTS	Request To Send (OUT)
4	CTS	Clear To Send (IN)
5	+5V	Power input
6	GND	Ground

NOTES



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