

Introduction

The USB-Com module can be connected to various Texecom control panels to allow full upload/download of system program data via a PC and appropriate UDL software package. The USB-Com is compatible with the following Windows® operating systems

- Windows 98 Second Edition (SE) • Windows Millennium Edition (Me)
- Windows 2000 · Windows XP
- Connections

The figure below shows the layout of the USB-Com connectors:



Figure 1. USB-Com Connectors

CON 1: This 5-way Molex type connector is for plugging onto the Texecom Veritas R8 Plus, Veritas Excel and all Premier control panels. By using the appropriate UDL software package the control panel can be programmed locally.

CON 2: This USB type "A" connector should be plugged into one of the PC's USB ports

Power/Data Indicator: This is a bi-coloured indicator that is lit green when the USB- ${\it Com}$ is powered. When the USB-Com is sending and receiving data it flashes between red and green.

USB Driver Installation

The USB-Com requires a driver to be installed onto the PC before it can be used. The driver can be found on the Wintex CD in the D:\USB-Com folder or alternatively it can be downloaded from the Texecom web site www.texe.com.

Windows 98SE and Windows ME

- Plug CON 1 of the USB-Com onto the control panel and ensure that the 1) control panel is powered up.
- 2) Plug CON 2 of the USB-Com into a USB port on the PC. Turn on your computer to allow the Operating System to detect the USB-Com.
- 3) When detected the Add New Hardware Wizard screen appears:



- If you are using the drivers from the Wintex CD insert the CD into your 4) DVD/CD-ROM drive. Then click the Specify the location of the driver (Advanced) option and click the Next button.
- Click the Specify a location check box. Then, click the Browse button to 5) locate the driver files in D:\USB-Com\Win98ME (where D: represents your DVD/CD-ROM drive). Ensure that the Removable Media (Floppy, CD-ROM...) check box is not selected:

Add New Hardware Wiz	ard Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected Search for the best driver for your device. (Recommended). Removable Media (Floppy, CD-ROM) Specify a Jocation: D:USB-ComWWIN98ME Display a list of all the drivers in a specific location, so you can select the driver you want.	
	< Back Next > Cancel	
Click the Next button, the following screen appears: Add New Hardware Wizard		

	Windows driver file search for the device:
	USB High Speed Serial Converter
	Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
ି <u>କ୍</u> ରୁଚ୍ଚ	Location of driver:
	C.\DOWNLO~1\FTDI\FTDIBUS.INF
	< <u>B</u> ack [Next>] Cancel

7) Click the Next button, the following screen appears:

6)

	USB High Speed Serial Converter
	Windows has finished installing the new hardware device.
8	
	Kenter Ke

- Click the Finish button to complete the USB-Com installation. 8)
- The USB-Com will be assigned a virtual com port, to find out which port 9) number has been assigned to the USB-Com, open the Device Manager (press the III + Break on your keyboard) and expand the Ports (COM & LPT) option. You should see the USB Serial Port and its com port number, COM6 in the example below:

System Properties	? ×
General Device Manager Hardware Profiles Performance	
Display adapters	
ESS WDM Modem Enumerator	
😥 🖶 Floppy disk controllers	
🕀 🚭 Hard disk controllers	
🕀 🎯 Keyboard	
🕀 🥪 Modem	
🕀 🗒 Monitors	
t → ··· 🏷 Mouse	
E ■ I Network adapters	
E Schert	
E- y Ports (COM & LPT)	
Communications Port (COM1)	
Printer Port (LPT1)	
USB Serial Port (COM6)	
Properties Refresh Remove Print	
	1
OK Cance	1

The USB-Com is now installed and ready for use with the appropriate UDL 10) software package, see Configuring the UDL Software over.

► Windows XP and Windows 2000

- 1) Plug CON 1 of the USB-Com onto the control panel and ensure that the control panel is powered up.
- 2) Plug CON 2 of the *USB-Com* into a USB port on the PC. Turn on your computer to allow the Operating System to detect the *USB-Com*.
- 3) When detected the Found New Hardware Wizard screen appears:



- 4) If you are using the driver from the Wintex CD insert the CD into your CD-ROM/DVD drive. Then click the Install from a list or specific location (Advanced) option and click the Next button.
- 5) Click the Include this location in the search check box. Then, click the Browse button to locate the driver files in D:\USB-Com\Win2kXP (where D: represents your DVD/CD-ROM drive). Ensure that the Search removable Media (Floppy, CD-ROM...) check box is not selected:

Found New Hardware Wizard		
Please choose your search and installation options.		
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.		
Search removable media (floppy, CD-ROM)		
✓ Include this location in the search:		
D:\USB-Com\Win2kXP V Browse		
O Don't search. I will choose the driver to install.		
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.		
< <u>₿</u> ack <u>N</u> ext > Cancel		

6) Click the Next button, the following screen appears:



- Click the Finish button to complete the USB High Speed Serial Converter installation.
- After a short delay the Found New Hardware Wizard screen will appear again:



- 9) Repeat steps 4 to 7 to install the USB Serial Port driver.
- 10) The USB-Com will be assigned a virtual com port, to find out which port number has been assigned to the USB-Com, open the Device Manager (press the ⊞ +Break on your keyboard) and expand the Ports (COM & LPT) option. You should see the USB Serial Port and its com port number, COM3 in the example below:

음 Device Manager		
<u>File Action View H</u> elp		
$\leftarrow \rightarrow \blacksquare \square \Leftrightarrow \square \square \square \square = \square $		
🕀 😼 Computer	^	
🗄 🥪 Disk drives	-	
DVD/CD-ROM drives		
Floppy disk controllers		
+ 🕼 Floppy disk drives		
IDE ATA/ATAPI controllers		
+ w Keyboards		
H - O Mice and other pointing devices		
Housens	-	
Network adapters	_	
Ports (COM & LPT)		
Communications Port (COM1)		
- 🗇 Communications Port (COM2)		
ECP Printer Port (LPT1)		
USB Serial Port (COM3)		
🛨 🐟 Processors		
④ ③ Sound, video and game controllers		
🗄 🝚 Storage volumes		
🐑 😼 System devices	\checkmark	

11) The USB-Com is now installed and ready for use with the appropriate UDL software package, see Configuring the UDL Software below.

Configuring the UDL Software

Once the USB driver is installed you need to configure the UDL software to the same port that was assigned by the virtual com port driver:

➤ Wintex UDL

- Run Wintex and open the Modem Settings & Options screen by pressing CTRL+M on the keyboard.
- 2) In the **PC-Com Options** section set the com port to the same number that was assigned by the USB driver, e.g. COM3.
- 3) Click on the OK button. Wintex is now ready for use.

➤ Veritas UDL

- Run Veritas UDL and open the Modem Settings & Options screen by pressing CTRL+M on the keyboard.
- In the Com Port section set the com port to the same number that was assigned by the USB driver, e.g. COM3.
- 3) In the Modem Options section set the modem type to PC-Com Module.
- 4) Click on the **OK** button. Veritas UDL is now ready for use.



The USB-Com conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

The CE mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.



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