Install instructions for Astrogene1000_stuff USB to ST4 autoguide output Windows drivers and ASCOM drivers

Windows INF file

Do -not- insert the unit yet!

Download the INF file:

Extract to some directory on your PC

Insert the unit

New Hardware found pops up, select 'No, not this time', Click Next

Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy
	Can Windows connect to Windows Update to search for software? O Yes, this time only O Yes, now and every time I connect a device No, not this time
	Click Next to continue.

Select "Install from specific location, click Next



Browse to the directory where you extracted the INF file to, click next

Please cho	ose your search and installation options.
 Searce 	th for the best driver in these locations.
Use the	te check boxes below to limit or expand the default search, which includes local and removable media. The best driver found will be installed
	Search removable media (floppy, CD-ROM)
	Include this location in the search:
	Where You Extracted To Browse
🔿 Don't	search. I will choose the driver to install.
Choos	se this option to select the device driver from a list. Windows does not guarantee the
the dr	ver you choose will be the best match for your hardware.
	Connel

Driver install (if not signed comes up, click Continue/Install Anyway)

Found New Hardware Wizard				
Please wait while the wizard in	Istalls the software			
USB to ST4 output gu	ider via Communications Port			
600	Þ			
	< Back Next > Cancel			

Driver installed, click Finish

Found New Hardware Wiz	ard
	Completing the Found New Hardware Wizard Use to ST4 output guider via Communications Port
	< Back Finish Cancel

Open up Start->Settings->Control Panel->DeviceManager and Open 'Ports (Com & Lpt)'

This shows you the port the device installed to:

😫 Device Manager	
File Action View Help	
🔃 📕 PCMCIA adapters	^
표 🔋 PCMCIA and Flash memory devices	
😑 🞐 Ports (COM & LPT)	
Bluetooth Serial Port (COM11)	
Bluetooth Serial Port (COM12)	
Bluetooth Serial Port (COM13)	
Bluetooth Serial Port (COM14)	
Bluetooth Serial Port (COM15)	
Bluetooth Serial Port (COM16)	
Bluetooth Serial Port (COM17)	
Bluetooth Serial Port (COM18)	
Bluetooth Serial Port (COM19)	
Bluetooth Serial Port (COM20)	
Bluetooth Serial Port (COM9)	
USB to ST4 output guider via Communications Port (COM24)	
+ 👷 Processors	
🕀 🏀 SCSI and RAID controllers	
표 👼 Secure Digital host controllers	
🗉 🥘 Sound, video and game controllers	
😟 👰 System devices	
🗉 🥰 Universal Serial Bus controllers	~

You can change the default port, double click the entry and the following shows:

USB to ST4 output guider via Comm	nunications Port (C	? 🗙
General Port Settings Driver Details		_
Bits per second:	9600	•
Data bits:	8	~
Parity:	None	~
Stop bits:	1	~
Flow control:	None	~
Adv	vanced Restore Def	faults
	ОКСС	ancel

Click 'Advanced', the following shows:

Use FIFU butters (requ	Jires 16550	compatible UAR	(1)				ОК
Select lower settings to	o correct co	nnection problem	ns.				Cance
Select higher settings	for faster pe	nomance.		_			Default
Receive Buffer: Low (1)	- E	0	12	ΨŲ	High (14)	(14)	
Transmit Buffer: Low (1)					High (16)	(16)	
	1	1		Ť.			

You can change the port number to an unused port from COM1 through COM32

All done!

ASCOM driver

Download the ASCOM driver, extract to a folder

Navigate to the extraction folder Execute reregister.bat This copies the driver to the ASCOM directories and registers it as a server in windows Close the CMD window that pops up Execute ScopeForUSBST4Guide.exe This will autoregister the driver in the ASCOM registry branch

And close this window by clicking in X in the upper right corner

You should now have Scope for USB-ST4 Guide available I the ASCOM Chooser

ASCOM Telescope Choose	ŕ	D
Select the type of telescope you ha Properties button to configure the	ave, then be driver for y	e sure to click the our telescope.
Scope for USB-ST4 Guide	*	Properties
Scope for 909 Guide	~	
Scope for USB-ST4 Guide		
ServoCAT		OK
Sky Commander		
SkySensor2000-PL	-	
Telescope Simulator		Cancel
Terrina by Lakanashi	-	