

DairyPlan Interface Setup Index

Page no.

- 3. Gateway Setup (VC3/4 equipment)
- 11. Multi-Port Setup using Win 7
- 25. Multi-Port Setup using Win Vista
- 33. Multi-Port Setup using Win XP
- 51. Multi-Port Setup using Win 98
- 63. Uno-Port Setup
- 67. XLon PCI Installation/Update/Removal
- 79. XLon USB Setup using Win Vista
- 85. XLon USB Setup using Win XP



How to setup Dairyplan to use Gateway VC3 Com ports

Requirements

Dairyplan 5.240.124 or later DMS21 Gateway with software version 0.97 or later



When Gateway is selected for COM Port connections <u>All</u> Devices that connect via a COM port <u>MUST</u> be connected to the Gateway It is not possible to have some connected to Gateway and some to Mutli/Uno-Port









VC3 Card connection to Gateway not Possible !!



Example AutoSelect Sort Gate connection







We recommend using 4800 Baud where possible Program version which can set at 4800 Baud Rate

AS3000	CWS3SSA 409
AS5000	CWT3SDW 412
Feed Select	CPS3CMW 403
AutoSelect	CPT3SWS 402

12] DPSetup / Device Management / DPNetinstall



Example Out of Parlour , Parlour ID , Autoselect Sort Gate



DMS21 Gateway Com Ports



Finally remember to Re-pin & Finalize the Gateway see setup 12 DPSetup / Device Management / DPNetinstall

Changing back from Gateway to use Multi-port or Uno-port Serial Com ports

Σ	etup - 2
	AC Address (hidden) Gateway IP Address (hidden) Reserve-Parameter VC3 Channels Baud Rates VC3 Channels Transceiver Offsets (old)
	DMS 21 Gateway 1 System Part 301
	1 Number of Transceivers at 1st VC3 Channel
hannel Maximum onnection peripherals on evice this channel	2 Communication Type Code at 1st VC3 channel
омэ 16 ом10 16	3 Number of Transceivers at 2nd VC3 Channel 0 VC3 Channel Conne
OM11 16	4 Communication Type Code at 2nd VC3 channel
OM12 11	5 Number of Transceivers at 3rd VC3 Channel
OM14 16	6 Communication Type Code at 3rd VC3 channel
OM16	standard settings

Finally remember to Re-pin & Finalize the Gateway see setup 12 DPSetup / Device Management / DPNetinstall



Install card into PC then power up PC and follow instruction on following pages

Newer Windows Drivers supporting Win7 can be downloaded from www.geaukinfo.co.uk/multiport

Installation of Multi-port drivers in Windows 7

GEA Farm Technologies

When interface is installed and the PC is switched on Win 7 will search drivers

but does not give you an option to browse the Dairyplan CD

This means Drivers will have to be installed manually









Installation of Multi-port drivers in Windows 7













IMPORTANT

The 4 serial ports are not always in order You MUST identify the device number or each 16C95x serial port and then in stall in each on in order starting with lowest first Otherwise your Mutli-port connection will be muddled up and you will not know which is which !!



GEA

GEA Farm Technologies





) 📱 Update Driver Software - PCI Parallel Port	
Installing driver software	
	X
	😡 📱 Update Driver Software - PCI Communications Port (COM3)
	Windows has successfully updated your driver software
	Windows has finished installing the driver software for this device:
	PCI Communications Port
	24 Click Close
	-

25 Repeat steps 19 to 24 for all Four 16C95x Serial Ports

Remember to check Location port number item 19

Installation of Multi-port drivers in Windows 7





Setting the Com Port FIFO buffers

If the device manager is not already open follow steps 1 to 3









The installation of Multi-port drivers in Windows Vista is very similar to Windows XP

Remember to set jumpers !

Install card into PC then power up PC and follow instruction on following pages













3 - 26







Repeat from step [1] again for all Serial ports and the Parallel port

Setting the Com Port FIFO buffers

Open Device Manager this can be done in 2 ways Control Panel then click on System icon (as shown step by step below) Or From the Desktop by right clicking on **Computer** Icon then click on properties











Repeat for All PCI Communication Ports (usually 4) from step [14]



Multi-Port Installation using Windows XP and Dairyplan C21 5.2

This screen should automatically appear once you've installed the PCI card & re-started the PC

Found New Hardware Wizard

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). <u>Read our privacy policy</u>
Can Windows connect to Windows Update to search for software?
 Yes, this time only Yes, now and every time Loonnect a device No, not this time
Click Next to continue.
< Back Next > Cancel

In order to install the correct driver it is necessary to specify it's location. The drivers are supplied on the Dairyplan CD (from Dairyplan version 5.020 onwards)





Multi-Port Installation using Windows XP and Dairyplan C21 5.2

We now have to tell the system where the drivers are located (normally on the C21 CD). **Insert your C21 CD now**. If the Dairyplan installation program appears then close it

н.	Found New Har	dware Wizard		
	Please choose your search and installation options.			
	 Search for the best driver in these locations. 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-h0M) Include this location in the search: D:\ 			
Browse For Folde	r	Browse For Folder	Browse For Folder	? 🔀
Select the folder that	at contains drivers for yo iter 7 oppy (A:) ib (C:) 200_004 (D:) 4gb (E:) d Documents ocuments rk Places lers, click a plus sign abo OK	Select the folder that contains drivers for you	Select the folder that contains drivers for you DP_5_200_004 (D:) Dp52Developer Dp52User Driver Diver Diver Dopet NT-Util PC NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util NT-Util	ve.
Note: Tick / ur as shown on t	n-tick boxes his page	Browse For Folder Select the folder that contains drivers for you Below the folder that contains drivers for you DpS2user Diver Dpnet NT-Util Pci Old Drivers Win9x_2K_XP To view any subfolders, click a plus sign abov	r hardware.	

3 - 34



Multi-Port Installation using Windows XP and Dairyplan C21 5.2

The system now knows where the drivers are located

Found New Hardware Wizard	
Please choose your search and installation options.	
Search for the best driver in these locations.	
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:\Driver\Pci\41094\Win9x_2K_XP Source Browse	
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.	
12	
< <u>B</u> ack <u>N</u> ext > Cancel	

Found New Hardware Wizard	
Please wait while the wizard searches.	
PCI Serial Port	S.
	Kark Next > Cancel



Multi-Port Installation using Windows XP and Dairyplan C21 5.2



Found New Hardware Wizard	
	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). <u>Read our privacy policy</u>
	Can Windows connect to Windows Update to search for software?
	○ Yes, this time only
	 Yes, now and every time Loonnect a device No, not this time
	Click Next to continue. 15
	< <u>B</u> ack <u>N</u> ext > Cancel


Multi-Port Installation using Windows XP and Dairyplan C21 5.2



Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
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:\Driver\Pci\41094\Win9x_2K_XP Browse Browse
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.
18
< <u>B</u> ack <u>N</u> ext > Cancel



Multi-Port Installation using Windows XP and Dairyplan C21 5.2





GEA Farm Technologies The right choice.



Multi-Port Installation using Windows XP and Dairyplan C21 5.2







Multi-Port Installation using Windows XP and Dairyplan C21 5.2

Found New Hardware Wizard

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). <u>Read our privacy policy</u>
Can Windows connect to Windows Update to search for software?
 Yes, this time only Yes, now and every time I connect a device No, not this time
Click Next to continue. 23
< <u>Back</u> <u>N</u> ext > Cancel

Found New Hardware Wize	ard
	This wizard helps you install software for: 16C95x Serial Port If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) 24
	Click Next to continue. 25
	< <u>B</u> ack <u>N</u> ext > Cancel



Multi-Port Installation using Windows XP and Dairyplan C21 5.2

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
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:\Driver\Pci\41094\Win9x_2K_XP 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.
26
< <u>B</u> ack <u>N</u> ext > Cancel





Multi-Port Installation using Windows XP and Dairyplan C21 5.2



Once the driver installation is complete you should get a message saying so in the bottom right of your screen





Multi-Port Set-up using Windows XP



Alternatively if the "My Computer" icon is not on the Desktop window then follow the steps below





Multi-Port Set-up using Windows XP

🚇 Device Manager		
Eile Action ⊻iew Help ← → I 📧 I 😭		
VOUR-09846612B7 Our Opputer Disk drives Display adapters Display adapters Display adapters DVD/CD-ROM drives DVD/DVD/DVD/DVD/DVD/DVD/DVD/DVD/DV	Click on the + sign next to "Ports"	





Multi-Port Set-up using Windows XP

PCI Communicat 📕 prt (COM3) Properties 🛛 🔋 🔀	PCI Communications Port (COM3) Properties 🛛 🕐 🔀
General Setting: FIFDs Data rate Driver Details	General Settings FIFOs Data rate Driver Details
Cevice type: Ports (COM & LPT) Manufacturer: (Enhanced ports) Location: Location 0	Use FIFO buffers 2
Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter.	Transmitter: 0 Receiver: 1 Receiver FIFD Flow Control Thresholds
Iroubleshoot	Flow On: 0 Flow Off: 1
Use this device (enable)	Bestore Defaults 3 OK Cancel

Move all 4 sliders to left then press OK. Repeat this procedure for the other 3 PCI channels.

If you have TWO Multi-Port systems then switch off the PC ,install the 2nd PCI card and repeat the same installation procedure once more. If the 1st PCI Communication Port started on Com3 up to Com6 , you will notice that probably the 2nd PCI card will be installed on Com7 up to Com10

Once you have completed this process you can now exit & start the installation of the Dairyplan program



Multi-Port Set-up using Windows XP

In this case the PCI Communication Port has its equivalent Port in the Multi-Port unit

COM3 = Port 1 (Multi port unit) COM4 = Port 2 (Multi port unit) COM5 = Port 3 (Multi port unit) COM6 = Port 4 (Multi port unit)

If you install a 2nd PCI card then the equivalent Port in the 2nd Multi-Port unit

COM7 = Port 5 (Multi port unit) COM8 = Port 6 (Multi port unit) COM9 = Port 7 (Multi port unit) COM10 = Port 8 (Multi port unit)

Note: Sometimes the PCI Com Ports will not be numbered successively so check the Ports in "Device Manager"







Windows XP PCI Software Removal

If you have to uninstall the drivers for whatever reason to start afresh then follow the steps below





Windows XP PCI Software Removal





Windows XP PCI Software Removal

File Action View Help Heil Image: Computer Heil Computer Heil Disk drives Heil Heil Heil Disk drives Heil Disk drives <tr< th=""><th>🚇 Device Manager</th></tr<>	🚇 Device Manager
 TEST-D69928E19A Computer Disk drives Diplay adapters DVD/CD-ROM drives Floppy disk controllers Floppy disk controllers Floppy disk drives TE ATA/ATAPI controllers Keyboards Multifunction adapters Multifunction adapters Multifunction adapters Multifunction adapters Multifunction adapters Ports (COM & LPT) Communications Por Communications Por Printer Port (LPT1) Processors Sound, video and game Froperties 	File Action View Help
 TEST-D69928E19A Computer Disk drives Display adapters Dippy disk controllers Floppy disk drives Floppy disk drives IDE ATA/ATAPI controllers Keyboards Multifunction adapters Multifunction adapters Multifunction adapters Multifunction adapters Multifunction adapters Monitors Multifunction adapters Communications Por Ports (COM & LPT) Communications Por Uninstall Communications Por Scan for hardware changes Sound, video and game Properties 	$\leftarrow \rightarrow $ II 2 \Rightarrow 2 2 \approx 2 $>$
	 TEST-D69928E19A Computer Disklay adapters DVD/CD-ROM drives Floppy disk controllers Floppy disk drives Multifunction adapters Communications Particle Communications Particle Communications Particle Scan for hardware changes Storage volumes





Multi-Port Installation using Windows 98SE

This screen should automatically appear once you've installed the PCI card & re-started the PC





Multi-Port Installation using Windows 98SE



Search for the driver on the C21 CD by pressing the browse key

Add New Ha	Browse For Folder	3
	Select the folder that contains drivers for your hardware.	base ed
	□ ② DP5.100.01 (D:) □ □ Dp51Developer □ □ Dp51user 7	
*	Driver DPNET Driver DPNET DPNE	
	□ □ □ 41094 □ □ ₩in98ME	
	C Win2000	<u>}</u>
	E 🔁 Fun	el
	To view any subfolders, click a plus sign above.	
	OK Cancel	GEA For
	3 - 51	GEA Pal



Multi-Port Installation using Windows 98SE

Add New Hardware Wizard				
	Windows driver file search for the device: 0X16PCI954 PCI UARTs			
	Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.			
	D:\DRIVER\PCI\WINSX\41094\OXPCI.INF			
	8			
	< <u>B</u> ack Next > Cancel			





Multi-Port Installation using Windows 98SE







Multi-Port Installation using Windows 98SE

Add New Hardware Wizard



Add New Hardware Wizard Windows driver file search for the device: PCI Function Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue. Location of driver: Image: C:\WINDOWS\INF\OXPCI.INF Image: Image:



Multi-Port Installation using Windows 98SE









Multi-Port Installation using Windows 98SE

1	System Properties
	General Device Manager Hardware Profiles Performance
	• View devices by type • • • • • • • • • • • • • • • • • • •
18	Monitors Mouse Multi-function adapters OX16PCI954 PCI UARTs
Double Click on the one	of the items ters
named PCI Communication	Image: Point (Corn) Pri) Communications Port (COM1) Communications Port (COM2) ECP Printer Port (LPT1) PCI Communications Port (COM5) PCI Communications Port (COM6) PCI Communications Port (COM7) PCI Communications Port (COM8) Sound, video and game controllers System devices Internet Print Properties Refresh Refresh Remove OK Cancel
-	PCI Communications Port (COM5) Properties ? × General Settings Data Rate FIFOs Driver Resources 18
Ensure settings are as shown here	Baud Rate: Assuming 1.8432MHz Crystal Number of Data bits: Type of Parity: Number of Stop bits: Elow Control Type: DTR function



22

Repeat the same procedure for all PCI COM Ports apart from COM 1 to 4

ΟK

Cancel

PCI

GEA

Right click / mouse button on "My Computer"

1

Under certain circumstances you may need to remove the PCI software

Image: series Image: series<	D	0IU	ware I	kem	ovai					
Image:				1	-		***			
Image:		MyCa	<u>O</u> pen		Shortcut to My		Camera	ł	dicrosoft	
Image: Sector			<u>E</u> xplore <u>F</u> ind		Connection	Windows Explorer	Controls		UUIDOK	ffice
Image: Section of Sect			Map <u>N</u> etwork Driv	B						
Image:		My Doc	Disconnect Netwo	rk Drive	Shortcut to Combatfs			2		
Image:		4	Create <u>S</u> hortcut Rename		<u></u>			Mi	crosoft	
Image: Transmission of the second		Inte	Properties		2				PT AND	
Image:		Explor	er 7200 Seri	Version	sic			Constanting of	Microsoft Word	
Image:		6) E			۲			1	
Image: Single		Recyc	le Bin How To	Address Book	LAPLINK	netdel		-	- Carlos	2
Image: State of the second			Unconigu			and the second	the annual	The second	a new my	
Image: And Andrew State Image: Andrew St		msi				and the second			100 C (2)	
Image: New New New New New New York Image: New York New York Image: New York <td></td> <td>Setup M Internet</td> <td>ISN My Briefcase</td> <td>SINSTALL</td> <td>WinZip</td> <td></td> <td>IIM</td> <td></td> <td>MAR MER</td> <td></td>		Setup M Internet	ISN My Briefcase	SINSTALL	WinZip		IIM		MAR MER	
Image: Provide Building: Concernent of Concernent o			- aut		TT	114	HA			100
System Properties 3 000 Operation 000 000 System Properties 3 000 Operation 000)	Oplin		Begister		Talking Typing				
Image: Construction of the second of the		Servic	es Rom	Sound Blast	CyberChess	lutor		2.8.1	Merida St.	and the second s
Image: Computer									Interfer and	
Name Nam Name Name		Netwo	rk Acrob	at been	Dairy Plan	2				iWi
Start Intercent Provement - [pace] Intercent - [pace] Interc		Neighbor	hood Reader	4.0	Menu	and a little			No.	cros
Image: Construction Image: Conston Image: Construction			and the first	Con Car	the second	1 . Jac 1				soft
System Properties 3 General Device Manager Hardware Profiles Performance View devices by type View devices by gonnection Computer Co		Star	l 🛃 🛋 👘 🛙	Microsoft F	PowerPoint - [pci2]					20.20
System Properties			u 🗠 🗢 🖓 ()	2	owen one [peiz]					y 20.30
General Device Manager Hardware Profiles Performance View devices by type View devices by gonnection Computer CDROM Disk drives Disk drives Display adapters Floppy disk controllers Hard disk controllers 4 HCFMODEM 4 Moder Highlight "Multifunction adaptor" Moder OX16PCI954 PCI UARTs PCI Function OX16PCI954 PCI UARTs PCI Function Ports (COM & LPT) Properties Refresh Remove DK Cancel	Sy	stem I	Properties	3				?	×	
View devices by type View devices by connection Computer CDROM Disk drives Display adapters Floppy disk controllers 4 Hard disk controllers 4 Here Keyboard 4 Modem Highlight "Multifunction adaptor" Modem Highlight "Multifunction adaptor" Mouse OX16PCI954 PCI UARTs PCI Function Pots (COM & LPT) Properties Refresh Remove Print OK Cancel		C	Device M	anager						
View devices by type View devices by gonnection Computer CDROM Disk drives Display adapters Floppy disk controllers 4 Hard disk controllers 4 HCFMODEM 4 Modem Highlight "Multifunction adaptor" Modem Moles Mouse OX16PC1954 PCI UARTs PCI Function Ports (COM & LPT) Ports (COM & LPT) Image: Computer of the second se		Genera	Device M	anager	Hardware i	-ronies Ferro	rmance		1	
Image: Computer Image: Computer		~ v	e		~ v.					
Computer CDROM Disk drives Display adapters Floppy disk controllers Hard disk controllers Hard disk controllers HCFMODEM Keyboard Modem Monitors Mouse Multi-function adapters OX16PCI954 PCI UARTs PCI Function Network adapters PCI Function Refresh Remove Print OK Cancel		• •	iew devices i	by <u>type</u>	U VIE	ew devices by	connection			
CDROM Disk drives Display adapters Floppy disk controllers Hard disk controllers HereMODEM Keyboard Modem Monitors Mouse Multi-function adapters OX16PCI954 PCI UARTs PCI Function Network adapters Ports (COM & LPT) Properties Refresh Remove Print OK Cancel			Computer					A		
Disk drives Display adapters Floppy disk controllers Hard disk controllers Hodem Modem Monitors Monitors Mouse Multi-function adapters V16PCI954 PCI UARTs PCI Function Pots (COM & LPT) Properties Refresh Refresh Refresh Refresh Refresh Refresh		i i i i i i i i i i i i i i i i i i i	🙆 CDROM							
Pisplay adapters Floppy disk controllers Hard disk controllers Horman disk controllers Modem Horman disk controllers Mouse Multifunction adapters OX16PCI954 PCI UARTs PCI Function Network adapters Ports (COM & LPT) Consel OK Cancel		÷.	🗐 Disk driv	es						
Floppy disk controllers Hard disk controllers HCFMODEM Keyboard Modem Monitors Mouse Mouse Multi-function adapters PCI Function PCI Function PCI Function Ports (COM & LPT) Properties Refresh Remove Print OK		÷(💻 Display a	dapters						
HCFMODEM Keyboard Modem Monitors Mouse Multifunction adapters PCI Function Network adapters PCI Function Refresh Remove Print OK Cancel		÷.	🗟 Floppy di	sk contro	llers					
HCFMODEM Keyboard Modem Monitors Mouse Mouse Mouse OX16PCI954 PCI UARTs PCI Function PCI Function Ports (COM & LPT) Cound ridde and amounts Properties Refresh Remove Print		ti in the second se	📑 Hard disk	controlle	rs					
Keyboard Highlight "Multifunction adaptor" Monitors Mouse Mouse OX16PCI954 PCI UARTs PCI Function PCI Function Potts (COM & LPT) Pringt Properties Refresh Refresh Remove OK Cancel		÷.	👰 НСЕМОС)EM			4			
Modem Highlight "Multifunction adaptor" Mouse Multifunction adapters OX16PCI954 PCI UARTs PCI Function Ports (COM & LPT) Properties Refresh Remove OK Cancel		÷	👸 Keyboard	ł						
Monitors Mouse Multifunction adapters OX16PCI954 PCI UARTs PCI Function PCI Function Ports (COM & LPT) Properties Refresh Remove Print OK Cancel		÷.	🤰 Modem			Highligh	nt "Muulti	ifunctio	n adanto	r"
Mouse Multi-function adapters OX16PCI954 PCI UARTs PCI Function PCI Function Properties Refresh Remove Print OK		÷	🚽 Monitors			ingingi		nunoue		1
Image: Multifunction adapters Image: OX16PCI954 PCI UARTs PCI Function Image: PCI Function Image: Protect COM & LPT) Image: Properties Refresh Remove Print OK		È	🕥 Mouse							
OX16PCI954 PCI UARTs PCI Function Ports (COM & LPT) Properties Refresh Remove OK		 ∢	🔶 Multi-fund	ction adap	oters					
PCI Function Properties Refresh Remove OK				SPCI954 F	PCI UARTs	:				
Ports (COM & LPT) Properties Refresh Remove Print OK Cancel			🔄 🔶 PCI F	function						
Properties Refresh Remove Print OK Cancel		÷	🕎 Network	adapters						
Properties Refresh Remove Print OK Cancel		÷	Ports (CO	IM & LPT)			_		
Properties Refresh Remove Print OK Cancel			n Carradia A				1			
OK Cancel		P	roperties	Rej	fresh	R <u>e</u> move	Pri	i <u>n</u> t		
OK Cancel										
OK Cancel									-1	
							ЭК	Cancel		
									-	



PCI Software Removal



1



UNO-Port Installation with Dairyplan C21 5.2

Attach the UNO-Port cable to the COM port of the PC. Then follow the steps below

My Computer NoAtce Personal B	Tiscal My Shortsub to readband Documents Tiscal Bro		
Gareth	isoali Halp OnMerit Westfaka	24	Right click
Thernet Internet Explorer Thernet Explorer Cutlook Express Korress Kor	My Documents My Recent Documents My Pictures My Multisic	2	mouse button on "My Computer" then select
Adobe Reader 7.0 Microsoft Word Nindows Media Player	My Computer	nformation about, the disk drives,	cameras, scanners, and
Microsoft PowerPoint Microsoft Excel	Detaulits Connect To Point One and Support Search		
All Programs 🕨	Constant Run		
🦺 start 🛛 🧉 🙆 🌑			EN 🔿 👬 🕅 🕂 10





UNO-Port Installation with Dairyplan C21 5.2







UNO-Port Installation with Dairyplan C21 5.2

Communications Port (COM1) Properties	Communications Port (COM1) Properties	×
Genera Port Settings Drive 7 tails Resources	General Port Settings Driver Details Resources	_
Communications Port (COM1)	Bits per second: 9600	
Device type: Ports (COM & LPT)	Data bits: 8	
Manufacturer: (Standard port types) Location: on PCI bus	Parity: None	
Device status	Stop bits: 1	
This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter.	Elow control: None	
Iroubleshoot		
Device usage:		
Use this device (enable)		
OK Cancel	OK Cance	

Move both sliders fully to the left as shown below

Advanced Settings for COM1	? 🗙
Use FIFO buffers (requires 16550 compatible UART) Select lower settings to correct connection problems. Select higher settings for faster performance. Beceive Buffer: Low (1) Iransmit Buffer: Low (1)	OK Cancel Defaults
COM Port Number: COM1	



UNO-Port Installation with Dairyplan C21 5.2

Dairyplan set-up for UNO-Port





The installation & Updating of DPNet PCI drivers in Windows

Important

Cannot be used with 64-Bit versions of Windows as there are 64bit Drivers !



Install card into PC then power up PC and follow instruction on following pages

Installing Drivers Windows 7 Drivers see page 2 Windows Vista (XP) See page 6

Checking Version installed See page 9

<u>Uninstalling / Updating Drivers</u> Win 7 / Vista Uninstalling / Updating See Page 10 Win XP Uninstalling / Updating See Page 11

Windows 7



GEA Farm Technologies





Installation & updating DPNet-A XIon PCI drivers Guide





Important You must install Driver version 2.2.0.0 These are only found on DP5.240-178 CD or later

Note they are also on the UK Info DVD (since April 2011)

Browse to the driver folder on Dairyplan CD, the path is \Driver\DPNET\XLON-PCI

(note older DP5 and C21 disks do not have good drivers on them)







Windows Vista (XP Is Similar)












Check the version is at least 2.2.0.0

Open Windows Device manager





Updating Drivers Guide

To update the XIon-PCI drivers first you must remove the old Drivers as just updating does not guarantee Windows will use the newer Driver

For Windows Vista & Window 7 this can be done directly from Windows device manager For Windows XP the 3 driver files have to be manually Deleted unding Windows Explorer

Windows Vista & W	indow 7 un-instating drivers		
1] First take Backup 2] Close DPProcess 3] Open Windows D	of Dairyplan control evice manager		
Computer Disk drives Display adapters			
BVD/CD-ROM drives IDE ATA/ATAPI controllers F F IEEE 1394 Bus host controllers	Right Click on Xlon PCI		Confirm Device Uninstall
Keyboards Mice and other pointing devices Monitors	click on Uninstall gives this screen		XLON PCI
Multifunction adapters Network adapters	Important Tick the box Delete the D	river	Warning: You are about to uninstall this device from your system.
Ports (COM & LPT) Processors	Then Click OK		Delete the driver software for this device.
Sound, video and game controllers Storage controllers System devices Universal Serial Bys controllers	Finally restart PC and follow instruct installing V2.2 Drivers	ion for	OK Cancel
XLON LonTalk / dapter			

Installation & updating DPNet-A XIon PCI drivers Guide





Then using Windows Explorer find these 3 file in the C:-Drive and Delete Them

C:\Windows\System32\Driver\xlonpci2.sys C:\Windows\System32\xlonutil.dll C:\Windows\System32\xlonpp2.dll

Finally restart PC and follow instruction for installing V2.2 Drivers





XLON USB installation using Windows Vista

- Switch off PC
- Plug the XLON USB device in to the PC
- Switch PC back and insert the DairyPlan CD
- You need a DairyPlan 5.2 CD or later .If not then you need the UK Technical CD which also has the required drivers
- Then follow the steps shown







Found New Hardware - XLON USB Insert the disc that came with your XLON USB If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software. 2 Idon't have the disc. Show me other options.	You will need a DairyPlan 5.2 CD or later .If not then you need the UK Technical CD which also has the required drivers
 Found New Hardware - XLON USB Windows couldn't find driver software for your device Check for a solution Windows will check to see if there are steps you can take to get your device working. Browse my computer for driver software (advanced) Locate and install driver software manually. 	e 3 Cancel
Control New Hardware - XLON USB Browse for driver software on your composition Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software in this location: Image: Search for driver software s	Duter Browse 4



Browse For Folder Select the folder that contain Select the folder that contain Public Public Public Computer Select the folder that contain Public Public Public Select the folder that contain Public Select the folder that contain Public Public Public Select the folder that contain Public Select the folder that contain Select the folder that contain Public Public Public Select the folder that contain Public	ains drivers for your hardware.	oxes in red to ere the drivers
To view subfolders, click th	Select the folder that contains drivers for your hardware.	
	Found New Hardware - XLON USB Browse for driver software on your computer Search for driver software in this location: EXDriver\DPINET\Dongle Include subfolders	Browse



Found New Hardware - XLO	USB	
Window Window	Security EXAMPLE A Constraint of this driver software	
	Don't install this driver software You should check your manufacturer's website for updated driver software for your device.	
See <u>d</u>	Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.	
	Installing driver software	
	Image: Solution of the software - XLON USB The software for this device has been successfully installed Windows has finished installing the driver software for this device: XLON USB	
	10 Close	



 To confirm that the XLON USB adaptor has been installed, follow the steps shown



- O The software has now been installed now go to DPNetinstall to reconfigure if you have changed from XLON PCI to the USB version
- Check Process control to see if Milking units are communicating





XLON USB installation using Windows XP

- Switch off PC
- Plug the XLON USB device in to the PC
- Switch PC back and insert the DairyPlan CD
- Then follow the steps shown



Found New Hardware Wizard

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). <u>Read our privacy policy</u>
Can Windows connect to Windows Update to search for software?
 Yes, this time only Yes, now and every time I connect a device No, not this time
Click Next to continue.
< <u>B</u> ack <u>N</u> ext > Cancel



Found New Hardware Wizard
Image: Second state of the second s
< <u>B</u> ack <u>Next</u> > 4 ancel





Browse For Folder	
Select the folder that contains drivers for your hardware.	
	Browse For Folder ? X Select the folder that contains drivers for your hardware.
To view any subfolders, click a plus sign above.	Dp52Developer Dp52user Dp52user Driver DPNET DOngle Win98ME Win98ME WinXP2K
	To view any subfolders, click a plus sign above.
Found New Hardware Wizard	
Please choose your search and installati	ion options.
 Search for the best driver in these location Use the check boxes below to limit or expaths and removable media. The best driver Search removable media (floppy, 0 Include this location in the search: D:\Driver\DPNET\Dongle Don't search. I will choose the driver to in Choose this option to select the device do the driver you choose will be the best matrix 	ons. pand the default search, which includes local ver found will be installed. CD-ROM) Browse Install. Install. Install. Install. Install. Install. Install. Install.









Found New Hardware Wizard







Found New Hardware Wizard		
Please choose your search and installation options.		
Search for the best driver in these locations. 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.		
16 Search removable media (floppy, CD-RUM)		
D:\Driver\DPNET\Dongle		
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.		

Found New Hardware Wizard	Found New Hardware Wizard
Please wait while the wizard searches	Please wait while the wizard installs the software
KLON USB	
<u>S</u>	6
	xlonutil.dll To C:\WINDOWS\system32
Cancel	< <u>B</u> ack <u>N</u> ext > Cancel





