

LTRALINO Vivid I,Q,7 Configuration



These are among the hardest devices to configure; however, these steps should demystify the process a bit (hopefully).

- 1.Start by pressing either the "Config" key on the keyboard.
- Click on "Connectivity", and go to the "TCP/IP" tab.



3. In some cases, the IP address will be greyedout. In these instances, to configure the IP address, you may need to click the "Advanced Settings" button. This will load a Windows XP "Network Connections" page.

C al Gulputs Tools Forma	O N N E C T I V I T Y	
ert No: 184	Modify	Detailed DICOM Log
P-Address [172] 24 Submet Mask [295] 255]		Save settings
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4. You will need to right-click on the "Local Area Connection" element. Bear in mind, there is no right mouse button on an ultrasound device. Instead, drag the cursor over the element and hit the "Update/Menu" button on the keyboard (near the trackball).



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5. Select "Properties", like you would during any typical configuration, and setup the IP address as necessary.

Edit Vi	ew Favorites Tools Ad	vanced Help	
Name		Туре	150
LANOF	ngn-Speed Internet		
Local A	vea Canadiana	LAN or High-Speed Inter	Enal
Wizard	Status		
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New	Conney Bridge Connections	Wizard	
	Create Shortcut		
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🕹 Local Area Connection Properties 🛛 🔹 🛛 💽	Internet Protocol (TCP/IP) Properties
General Authentication Advanced	General Alternate Configuration
Connect using: Image: Scom 3C920 Integrated Fast Etherne Configure	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
This connection uses the following items:	Obtain an IP address automatically
Client for Microsoft Networks	Use the following IP address:
File and Printer Sharing for Microsoft Networks	IP address:
✓ The Internet Protocol (TCP/IP)	Subnet mask:
I <u>n</u> stall <u>U</u> ninstall <u>Properties</u>	Default gateway:
Description Transmission Control Protocol/Internet Protocol. The default	Use the following DNS server addresses:
wide area network protocol that provides communication	Preferred DNS server:
 ✓ Show icon in notification area when connected ✓ Notify me when this connection has limited or no connectivity 	Alternate DNS server:
	Ad <u>v</u> anced
OK Cancel	OK Cancel

 In the properties window, click on "Internet Protocol (TCP/IP)", and then select "Properties" again. This will load the IP address configuration page. Select "Use the following IP Address", and enter the desired settings.

When the IP address is configured, hit the "X" in the topright corner to return to the "TCP/IP" tab. Reboot the device at this point, even if you are not prompted to do so.



7. Next, go to the "Dataflow" tab.

8. In the "Name" drop-down box at the top, select "Local Archive-Internal HD/DICOM Server". There are several other options that sound similar, and you might be tempted to use one of those; don't.

CONNECTIVITY									
Dataflow	Additio	nal Outputs	Tools	Formats	Тсрір				
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Check Repeats: 1 Check									
Imaging Meas/Text Report Connectivity System About Admin Service									



In the "Selected Devices" section on the bottom -right, click on "DICOM Storage" under "Outputs".

10. Click "Properties.

CONNECTIVITY								
Dataflow	Additional Outputs	Tools Formats	Тсрір					
	Dataflow							
Direc	Name Worklist/Local A	Archive - DICOM Serv	er/Int. HD	Default Direct Store Hidden				
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DIC may you to tl "Pro	OM Image Storage be listed hereif will need to move he right, then hit perties"	so it Prop	erties 🗣	Worklist Database Outputs Database Dicom storage				
Imaging	Meas/Text Re	eport Connecti	Repea	Check ats: 1 Check About Admin	Service			



- The DICOM Storage properties page will load.
 Start by clicking the drop-down box labeled "IP Address" at the top.
- 12. In the drop-down box, select "Modify".

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com storage p	i oper ues
IP-address	(DICOMSERVER) 10.0.0.4 🔽 🛄 🔲 Verification
Name	Pure dicom Storage Select "Modify"
AE Title	DICOMSTORAGESCP from this MPPS
Port No	105 DICOM SR
	Image Settings
Allow Ra	iw Data 🔄 Raw Compr. 🗹 Allow Multiframe 📃 Only black/white
Max Framer	rate 25 🔽 Compression Jpeg 🔽 Quality % 95
Max #	Eetry Beopen pr. Image
Interval	120 [S] Timeout 20
	There should be a check box
	οκ here to enable SR. Cancel
	IP-address (DICOMSERVER) 10.0.0.4 Name (DICOMSERVER) 10.0.0.4 (ECHOSRV7-000777) 3.222.23.74 (HL7) 10.0.0.7 (MyComputer) 127.0.0.1
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12. The "Modify" dialogue will allow you to Add a new IP address, or modify an existing one.Typically, you will "Add" the IP address of the computer with UpLinq.

IPs	
(DICOMSERVER) 10.0.0.4 (ECHOSRV7-000777) 3.222.23.74 (HL7) 10.0.0.7 (MyComputer) 127.0.0.1 The dialogue window should look something like this.	Add Remove Modify
ОК	Cancel

Enter name and lp	
DICOMSERVER	
10 . 0 . 0 . 4	
ок	Cancel

Once you click "Add" or "Modify", this box will appear. All you are able to enter is the IP address of the computer with UpLinq.



- 14. After you have entered the IP address, hit"OK" until you are back to the DICOM Storage properties page.
- 15. Select the IP address you just added from the drop-down at the top. *It is super-important that you do this!*



- 16.Configure the DICOM Storage properties as displayed below. Please note, if there is a check box to "Allow SR Private Data", make sure that is checked.
- 17. Hit "Ok" to save and complete the setup. If the device is connected to the computer, you may hit the smiley icon to test connectivity.

Dicom Storage properties	в		
IP-address UltraLing Name UltraLing AE Title ULTRALIN	xxx.xxx.xxx) Q (must be caps)		Verification Storage commitment MPPS
Port No 10104			🔶 DICOM SR
	Imago	e Settings	
Allow Raw Data Max Framerate 25	Raw Compr.	Allow Multifra	ame Only black/white Quality % 100
Retry Max # 5		Reopen	pr. Image
Interval 120	[S]	Timeout	20
ОК			Cancel
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