

Quality Electronics for Industrial Weighing

Presenting

DAD 141.1 – Connection to the LAN

Factory default TCP/IP address is: 192.168.0.100

- The LAN address range must be for AAA.BBB.CCC.xxx in the same range for PC and DAD 141.1
- 1. You can adjust the LAN address to DAD 141.1 default
- 2. Or adjust the DAD 141.1 address to LAN

1. Adjust LAN of PC network

- \checkmark ... in only 15 seconds
- ✓ Stop / Finish WIFI if enabled
- \checkmark Connect the LAN cable to DAD 141.1 and PC / Notebook
- ✓ Right mouse click on LAN icon (task bar right)
- ✓ Double click on Ethernet (for LAN setup)
- \checkmark ... the next steps show how to adjust the address

Adjust LAN Address - Step 1



LAN Connection Status - Step 2

ļ	Local Area Connection Status	x
	General	
	Connection	-
	IPv4 Connectivity: Interne	et 🛛
	IPv6 Connectivity: No Internet acces	s
	Media State: Enable	ed 🔰
	Duration: 00:16:0	8
	Speed: 100.0 Mbp	os
	Details	
	Activity	_
	Sent — 💭 — Receive	d
	Bytes: 62.700 111.81	11
	Properties Disable Diagnose	
		se

... click on Details...

Network Connection Details - Step 3

Property	Value	*
Connection-specific DN Description Physical Address	Intel(R) PRO/100 VE Network Conne	
DHCP Enabled	Yes	
IPv4 Address	10.0.0.20	
IPv4 Subnet Mask	255.255.255.0	
Lease Obtained	15. december 2015 18:53:08	=
Lease Expires	16. december 2015 18:53:08	-
IPv4 Default Gateway	10.0.0.1	
IPv4 DHCP Server	10.0.0.1	
IPv4 DNS Servers		
IPv4 WINS Server		
NetBIOS over Tcpip En	Yes	
Link-local IPv6 Address		
IPv6 Default Gateway		÷

... see the IPv4 Address

and Close again

LAN Connection Properties - Step 4

Local Area Connection Properties	x						
Networking Sharing							
Connect using:							
Intel(R) PRO/100 VE Network Connection							
Configure. This connection uses the following items:							
 Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder 							
Install Uninstall Properties							
Description Allows your computer to access resources on a Microsoft network.							
ОК Са	ncel						

... scroll down to TCP/IPv4

Connection Properties: choose TCP/IPv4 - Step 5

Local Area Connection Properties	ζ						
Networking Sharing							
Connect using:							
Intel(R) PRO/100 VE Network Connection							
Configure This connection uses the following items:							
 Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder 							
Install Uninstall Properties							
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.							
OK Cancel							

... double click on TCP/IPv4

Status IP Version 4 - Step 6

I	nternet Protocol Version 4 (TCP/IPv4) Properties	
	General Alternate Configuration	
	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.	
	Obtain an IP address automatically	
	O Use the following IP address:	
	IP address:	
	Subnet mask:	
	Default gateway:	
	Obtain DNS server address automatically	I
	© Use the following DNS server addresses:	
	Preferred DNS server:	mu
	Alternate DNS server:	
	Validate settings upon exit	
	OK Cancel	

.. IP address automatically

must be change to ...

Setup IP Address - Step 7

I	ternet Protocol Version 4 (TCP/IP	v4) Properties	
ſ	General		
	You can get IP settings assigned a this capability. Otherwise, you nee for the appropriate IP settings.	utomatically if your network supports ed to ask your network administrator	
	Obtain an IP address automa	tically	
	Ose the following IP address:		use the follo
	IP address:	192.168.0.99	
	Subnet mask:	255.255.255.0	Satur
	Default gateway:	192.168.0.1	
	 O<u>b</u>tain DNS server address a 	utomatically	- IP address,
	O Use the following DNS server	addresses:	– subhet mask,
	Preferred DNS server:		- gateway
	Alternate DNS server:	· · ·	
	Validate settings upon exit	Ad <u>v</u> anced	
1		OK Cancel	and confir

owing IP address

m with OK

DOP 4 – Test Device For LAN

		Channel 2			Channel 3		C	hannel 4		Device Selector
mands Viev HB					Device	e Selector			- 🗆 🗙	
p. Clea	Selected Device	es								a Storage
	Index Devi	ce Name Id	Version	Hardware	Port Name	Baud Rate	Address / IP	Sub Addr.	Remove Device	About
	01 DAD	141 1410	0111	Serial COM	COM3	115200		0		Fxit
									Set to Channel 1	
									Set to Channel 2	People
0,0									Set to Channel 3	e ropoj
5,0-									Set to Channel 4	The line
30,0-	Beload 'Sel	ected Devices' at [DOP 4 start	un						
5,0-										190
70,0-										ax. 130
5.0-	Select Device				Selected Ch	annels				1000 ~
	Hardware:	Serial LAN		*	Channel	Device Index	Device Name	Device Id	Remove Channel	1 🗸
0,0-	Port / Bus:	23			01	01	DAD141	1410		ding
5,0-	Baud Rate:			\checkmark					Commands View	
	Address / IP:	192.168.0.100							Terminal View	
0,0-					Reload	'Selected Chann	iels' at DOP 4 star	tup		Auto Wa
0,0- 5,0-	Sub Address:	0		*	- I torotata					Rising V
60,0 - -5,0 - 	Sub Address:	0		~				0		in the second se
50,0 - I5,0 - I0,0 -	Sub Address: Device: DAD1	0 41 wth ld: 1410 fo	und.	•	Data Stream	n Net Weight:		0	Start Test Stream	50
50,0	Sub Address: Device: DAD1 Test Device	0 41 with Id; 1410 fo ::e Se	und. lect Device	•	Data Stream	n Net Weight:		0	Start Test Stream	50
50,0	Sub Address: Device: DAD1 Test Device Find Baud F	0 41 with Id; 1410 for ce Se	und. Hect Device Sys 80 CO	• •	Data Stream	n Net Weight:	Gener	0 al Configurations	Start Test Stream	50 Clear Al

DOP 4 – Select Device For LAN

IB					DOP 4 v	ersion 1.7.2.	D			
Channel 1		Channel 2			Channel 3			hannel 4		Device Selector
Commands View HE	•				Devic	e Selector			- ×	a Storage
Scp. Clea	Selected Device	es								
	Index Devic	ce Name Id	Version	Hardware	Port Name	Baud Rate	Address / IP	Sub Addr.	Remove Device	About
	01 DAD	141 1410 141 1410	0111	Serial COM Serial LAN	COM3	115200	192 168 0 100	0		Exit
Scope							102.100.0.100		Set to Channel T	
									Set to Channel 2	Peol la
190,0									Set to Channel 3	• ropop
185,0-									Set to Channel 4	The line
180,0-	Reland 'Sel	lected Devices' at	DOP 4 et av) Thin Lines
175,0-		iecteu Devices a	DOF 4 aldi	up						Dots
170,0-										ax: 190
165.0-	Select Device				Selected Ch	annels				1000 ~
160.0	Hardware:	Serial LAN		*	Channel	Device Index	Device Name	Device Id	Remove Channel	1 🗸
	Port / Bus:	23			01	01	DAD141	1410	Commanda Manu	ding
\$ 155,0-	Baud Rate:			\checkmark					Commands view	
150,0-	Address / IP:	192.168.0.100)						Terminal View	1 A 44 W - 1
145,0-	Sub Address:	0		~	Reload	'Selected Chann	nels' at DOP 4 star	tup		Auto wait
140,0-	Devices DAD1	41al (J. 1410)						0		50 F0
135,0-	Davide, DADT	41 WILLIO, 14101	ound.		Data Stream	m Net Weight:		0	Start Test Stream	50
130,0-	Test Devic	ce S	elect Devic	e						
125,0-	Find Baud R	Rate	t Sys 80 CO	M	Advan	ced Search	Gener	al Configurations	Ext	Clear All
120,0										
0	100 20	U 300	400	500	000 70	<u></u>	900 1	000		
			Sam	ple Time (m	s)				<	>

DOP 4 – Set Device To Channel 2

В					DOP 4 ve	ersion 1.7.2.	D			
Channel 1		Channel 2	2		Channel 3		0	hannel 4		Device Selector
Commands View HB					Device	e Selector			- 🗆 🗙	
Scp. Clea	Selected Devic	ces								a Storage
	Index Devi	ice Name le	d Version	Hardware	Port Name	Baud Rate	Address / IP	Sub Addr.	Remove Device	About
	01 DAD	0141 14	410 0111	Serial COM	COM3	115200		0		Evit
006	02 DAD	0141 14	410 0110	Serial LAN	23		192.168.0.100	0	Set to Channel 1	EXIL
ope									Set to Channel 2	
190,0									Set to Channel 3	Popup
185,0-									Set to Channel 4	
180,0-	Reland 'Se	lected Devices'	at DOP 4 start							Thin Lines
175,0-	Heldad Se	siected Devices	at DOP 4 star	up						Dots
170.0-										ax: 190
405.0	Select Device				Selected Ch	annels				1000 🗸
165,0-	Hardware:	Serial LAN		~	Channel	Device Index	Device Name	Device Id	Remove Channel	1 ×
160,0-	Port / Bus:	23			01	01	DAD141	1410		
155,0-	Baud Rate:			~	02	02	DAD141	1410	Commands View	ding
150,0-	Address / IP:	192.168.0.1	00						Terminal View	
145,0-	Sub Address:	0		*	Reload	'Selected Chanr	els' at DOP 4 start	up		Auto Wait
140,0-								0		using 🗸
135,0-					Data Stream	n Net Weight:		0	Start Test Stream	50
130,0-	Test Devi	ice	Select Device	•						-
125,0-	Find Baud F	Rate	Init Sys 80 CO	M	Advan	ced Search	Genera	al Configurations	Exit	Clear All
120,0										
ò	100 20	00 300	400	500	000 70	<u>u auu</u>	900 1	000		
			Sam	ple Time (m	s)				<	>

DOP 4 – Start Test Stream Channel 1 & 2

Image: Selected Devices Selected Devices Image: Selected Devices Image: Selected Devices Image: Selected Device Selected Channels Image: Selected Device Image: Selected Device Image: Selected Device Selected Channels Image: Selected Device Image: Selected Device Image: Selected Device Image: Selected Device Image: Selected Device Image: Selected Device Imade:	db Addr. Remove D 0 0 Set to Cha 0 Set to Cha 5 Set to Cha	Device Selecto
Selected Devices Selected Devices 190.0 1 185.0 0 190.0 0 185.0 0 190.0 0 190.0 0 190.0 0 190.0 0 190.0 0 190.0 0 190.0 0 190.0 0	ub Addr. 0 0 Set to Cha Set to Cha Set to Cha	About About Exit Finel 1 Finel 2 Finel 4 Thin Line Dot Thin Line Thin Line Thin Thin Line Thin Line Thin Line Thin Thin Line Thin Thin Line
Sep. Clean Selected Devices Index Device Name Id Version Hardware Port Name Baud Rate Address / IP S 01 DAD141 1410 0111 Serial COM COM3 115200 Image: Selected Devices / Selected Devices / Selected Devices / at DOP 4 startup 190,0 Image: Selected Devices / at DOP 4 startup Image: Selected Channels Selected Channels Image: Selected Device Name Device Name Device Name Device	ub Addr. Remove I 0 Set to Cha Set to Cha Set to Cha	About About Exit anel 1 anel 2 anel 4 brice Device About Exit Device Dot Dot Device Dot
Index Device Name Id Version Hardware Port Name Baud Rate Address / IP S 01 DAD141 1410 0111 Serial COM COM3 115200 02 DAD141 1410 0110 Serial LAN 23 192.168.0.100 190.0 185.0 1 Image: Selected Devices' at DOP 4 startup Image: Selected Devices' at DOP 4 startup 170.0 10.0 Selected Channels Selected Channels Device Name	ub Addr. 0 0 Set to Cha Set to Cha Set to Cha	About About Exit nnel 1 nnel 2 nnel 3 nnel 4 Thin Line Dot
01 DAD141 1410 0111 Serial COM COM3 115200 02 DAD141 1410 0110 Serial LAN 23 192.168.0.100 190.0 1 1 1410 0110 Serial LAN 23 192.168.0.100 185.0 1 1 1 100 1 1 1 180.0 1 1 1 100 1 1 1 1 1 180.0 1 1 1 100 1	0 0 Set to Cha Set to Cha Set to Cha	nnel 1 nnel 2 nnel 3 nnel 4 Thin Line Dot
02 DAD141 1410 0110 Serial LAN 23 192.168.0.100 190,0 -	0 Set to Cha Set to Cha Set to Cha Set to Cha	nnel 1 nnel 2 nnel 3 nnel 4 Thin Line Dot
90,0	Set to Cha Set to Cha Set to Cha	nnel 2 nnel 3 nnel 4 Thin Line Dot
90,0	Set to Cha	nnel 4 Thin Line
90.0	Set to Cha	nnel 3 nnel 4 Dot 19
15.0 - Reload 'Selected Devices' at DOP 4 startup 75.0 - Select Device 55.0 - Hardware: Setial LAN V Channel Device Name Dev	Set to Cha	nnel 4] Thin Line
80.0 - Reload 'Selected Devices' at DOP 4 startup 75.0 - Select Device Select Device Selected Channels 55.0 - Hardware: Selat LAN		
75.0 - Select Device Select Device at DOP 4 stanup 70.0 - Select Device Selected Channels 55.0 - Hardware: Selal LAN V Channel Device Index Device Name De		Do
55.0 - Select Device Selected Channels Aardware: Serial LAN Channel Device Index Device Name		by: 10
Select Device Selected Channels Channel Device Index Device Name D		DX. 15
Hardware: Serial LAN V Channel Device Index Device Name De		1000
	vice Id Remove C	hannel 1
0.0 - Port / Bus: 23 01 01 0AD141 14	10	ding
02 02 DAD141 14	10 Command	a View
Address / IP: 192.168.0.100	Terminal	View
		Auto Wa
Reload 'Selected Channels' at DOP 4 startup		Rising
Test Stream Started Data Stream Net Weight	000 Stop Test	Stream 5
5,0-		
0,0- Test Device Select Device		
25,0 - Find Baud Bate Init Sys 80 COM Advanced Search General Co	figurations Evit	Clear All
	Line Line	

DOP 4 – Ready For Measurements





2. Or Adjust the DAD 141.1 Address to the LAN

In DAD 141.1 Menu 8: Data Communication

- Sub-Menu 8.6: IP Address of Ethernet port
 - In decimal notation per 3 characters
 - Factory default: 192.168.0.100

8.6.x	Example for factory default - AAA.BBB.CCC.	DDD	
8.6.1	AAA	000192	
8.6.2	BBB	000168	
8.6.3	CCC	000000	
8.6.4	DDD	000100	