

Net Control



Net Control V1.0

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This guide is a working and supporting tool for certified engineers for installing and maintaining iCall installations.

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1. General

1.1.<u>Net Control program</u>

The program is intended to change the different parameters of the IP corridor display. These parameters consist of the IP,DNS address, gateway and so on.

🖢 NetControl 📃 🗖 🔀								
Controller Search								
	MAC Address	IP Address	COM Port	Console Port	IP Nar			
	00-0E-AC-08-07-12	192.168.0.67	10001	1024	Card0 No			
Search								
	<				>			
Set Controller F	Parameter							
IP Address 192	.168.0.67 DNS	Address 192.168	.0.1	Gateway 192.1	68.0.1			
COM Port 100	01 Cons	ole Port 1024		IP Name Card0	Not Init			
MAC Address 00 - 0E - AC - 08 - 07 - 12								
Send								



2. Local area network settings

I the IP address of your PC is not in the same subnet as the corridor display's, your PC may not be able to detect the IP corridor display, to achieve this carry out the procedure below depending on the windows version you're running.

The default IP range of the IP corridor display is 192.168.0.XXX.

2.1. Windows XP

Open the network connections in the control panel.



Double click the local area connection you want to alter.



Figure 3

Click on the properties button

Local Area Co	nnection Status	2
aeneral Support		
Connection		
Status:		Connected
Duration:		01:35:32
Speed:		100.0 Mbps
Activity	Sent — 🕵	P — Received
Packets:	14,386	21,881
Properties	Disable	

Figure 4

Select Internet Protocol (TCP/IP) and click properties.

Connect using:			_	
Intel(R) PRI	D/Wireless 39	45ABG Net	Configu	re
This connection u	ses the followi	ng items:		
🗆 🐨 NWLink	NetBIOS			
I III 37 NWLink	IPX/SPX/Net Protocol (TCP)	BIOS Compat	ible Transport F	Proti
				-
•				•
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Ur	install	Properti	es
Install			-	
Description				
Install Description Transmission C wide area netw across diverse	ontrol Protoco ork protocol tł interconnecte	/Internet Prol lat provides c d networks.	ocol. The defa	ult
Install Description Transmission C wide area netw across diverse	ontrol Protoco ork protocol th interconnecter notification are	/Internet Prol lat provides c d networks. a when conn	cocol. The defa ommunication ected	ult
Install Description Transmission C wide area netw across diverse Show icon in r Notify me whe	ontrol Protoco ork protocol th interconnecter notification are n this connect	/Internet Prol lat provides c d networks. a when conn ion has limiter	cocol. The defa ommunication ected d or no connec	ult

Figure 5

Choose "Use the Following IP address" and fill in a IP address in the range of the IP corridordisplay. Press the ok button to save the settings.

ernet Protocol (TCP/IP) Proj	perties <u>?</u>
ieneral	
You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	l automatically if your network supports ed to ask your network administrator for
C Obtain an IP address auton	natically
🕞 Use the following IP addres	\$8:
IP address:	192.168.0.1
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	
C Obtain DNS server address	s automatically
🕞 Use the following DNS serv	ver addresses:
Preferred DNS server:	2 1 1
Alternate DNS server:	
	Advanced
	OK Cancel

Figure 6

2.2. Windows 7

Open the network and sharing center in windows 7.



Double click on the lan connection you want to alter



Figure 8

Select "Internet Protocol Version 4 (TCP/IPv4) and click on the properties button.

🖞 Local Area Connection Properties	×						
Networking Sharing							
Connect using:							
Intel(R) 82574L Gigabit Network Connection							
Configure]						
This connection uses the following items:							
 Client for Microsoft Networks Client for Microsoft Networks Client for Microsoft Networks QoS Packet Scheduler Link-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder Reliable Multicast Protocol Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv6) 							
Install Uninstall Properties							
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.							
OK Cance							

Figure 9

Choose "Use the Following IP address" and fill in a IP address in the range of the IP corridordisplay. Press the ok button to save the settings.

Internet Protocol Version 4 (TCP/IPv4) Properties 🛛 🛛 🤋 🗙						
General						
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 automatical	y I					
• Use the following IP address:						
IP address:	192 . 168 . 30 . 128					
Subnet mask:	255 . 255 . 255 . 0					
Default gateway:	· · · ·					
C Obtain DNS server address autor	natically					
─● Use the following DNS server add	resses:					
Preferred DNS server:	· · ·					
Alternate DNS server:	· · ·					
🗖 Validate settings upon exit	Advanced					
	OK Cancel					

Figure 10

3. Net Control

3.1.<u>Search</u>

🗐 NetControl 📃 🗖 🔀							
Controller Sear	Controller Search						
	MAC Address	IP Address	COM Port	Console Port	IP Name		
Search							
	<				>		
-Set Controller	Parameter						
IP Address 1	92 . 168 . O .	100 DNS	Address	192 . 168 .	0.1		
Gateway 1	92 . 168 . O .	1 IP N	ame Ca	ard 1			
COM Port 10	00	Cons	ole Port 10)25			
MAC Address	MAC Address 00 - 00 - 00 - 00 - 00 - 00						
	Send		-	Exit			

Run the Net Control software and click on the Search button.

Figure 11

When there's an IP corridor display on the network you should the information below.

MAC Address	IP Address	COM Port	Console Port	IP Nar
00-0E-AC-08-07-12	192.168.0.67	10001	1024	Card0 No

Figure 12

3.2. Setting the parameters

To set the parameters click on the IP corridor display found during the search.

In the Set Controller Parameter you will now see the same information as in the list above.

🗟 NetControl 📃 🗖 🔀								
Controller Search								
	MAC Address	IP Address	COM Port	Console Port	IP Nar			
	00-0E-AC-08-07-12	192.168.0.67	10001	1024	Card0 No			
Search								
	<)	۷			
Set Controller F	Parameter							
IP Address 192	IP Address 192.168.0.67 DNS Address 192.168.0.1 Gateway 192.168.0.1							
COM Port 1000	01 Cons	ole Port 1024		IP Name Card0	Not Init			
MAC Address 00 - 0E - AC - 08 - 07 - 12								
	Send		E	Exit				

Figure 13

IP Address: IP address of the corridor display.

DNS Address: DNS address of the corridordisplay.

Gateway: Gateway of the corridordisplay.

Com Port: communication port (may not be modified)

Console Port: configuration port (may not be modified)

IP Name: name of the IP address of the corridor display. This allows you to have an easy identification, for example you can use the location/ward name.

MAC Address: MAC address of the controller. (may not be modified)

After you have set all the parameters, click on the send button. The new parameters will then be downloaded to the corridor display.

If you press the search button again you will know see the display with your parameters.