ORC 2DC / ORC 4DC New Network Configuration v2

Contents

Introduction	<u>)</u>
TCP/IP Network Controller 2	2
Programming a new IP address	3
Step 1 - Power Controller	3
Step 2 - Connect TCP/IP	3
Step 3 - Default IP Address	3
Step 4 - Login	3
Step 5 - Web page	3
Step 6 - New Network settings 4	ł
Controller information check list 5	5
Connections	5
Power6	5
Readers	5
Network	1
Door Sensor (if applicable)	1

ORC-4DC_NEW_NETWORK_CONFIGURATION_V2





Introduction

Please note, this guide is intended for installation and commissioning partners.

For more information visit <u>www.orcomm.com</u>

TCP/IP Network Controller





Programming a new IP address

Step 1 - Power Controller

Connect the 12V DC power Supply to the input of the controller and power unit.

Step 2 - Connect TCP/IP

Connect the TCP/IP Ethernet of the controller to a switch, PC or Laptop.

Step 3 - Default IP Address

Using a PC or Laptop change your network settings to the same range as the controllers default IP address.

Enter the Default IP address of the controller in a web browser (i.e. Explorer, Chrome)

Login page will appear

Step 4 - Login

Default settings to login into the controllers is

Username = admin

Password = 888888

Step 5 - Web page

ACS Control		Web Access Control System					
Console	Live Event						
Parameter		Open Close Lock Unlock					
Door		Open Close Lock Unlock					
485 Readers							
Time Zone							
Cards		Open Close Lock Unlock					
Card Event		Fire Alarm Fire Clear					
Alarm Event		Open Alarm Close Alarm					
Тіте		2018-4-24 22:9:33					
Network	Time	CardNo Name Door Event					
User	2018-4-24 18:54:10	16222147 2 Entry					

Access Control System Servicer Version:5.00 Date:2013-08-23 Copyright © 2013

Orcomm Ltd • Victor Way • Radlett Road • Colney Street • St. Albans • Hertfordshire • AL2 2FL • United Kingdom



Step 6 - New Network settings

ACS Control				Web Access Control System
Console	Networ	k Address		
Parameter	Time:Sep 27 20	016 10:23:01,A4876,TFTP,Box	(WG+485)*8,RS485	
Door	Note:Please res	tart system!		
485 Readers	MAC:	00:04:A3:08:96:15		
	Name:	4DOORBOXCONTROL		
Time Zone	IP Address:	10.36.150.21		
Cards	Port:	8000	-	
Card Event	Gateway:	10.36.150.1		
Alarm Event	Subnet Mask:	255.255.240.0		
	Save			
Time				
Network				
User				

Access Control System Servicer Version:5.00 Date:2013-08-23 Copyright © 2013

When you have changed the controller network settings click "save"

NOTE : your new settings will change immediately - your PC / Laptop might not be on the new network range, check before trying to login again. (i.e. default 192.168.0.125 - new - 10.36.150.21)

Controller information check list

Action	Value / Type / Ref	Checked	Date
		Dy	
Minimum 11.8V DC Power			
Fire inputs not used (UK)			
Alarm input			
Exit A			
Exit B			
Exit C			
Exit D			
Reader A			
Reader B			
Reader C			
Reader D			
ТОР			
Alarm Relay A			
Alarm Relay B			
Lock A			
Lock B			
Lock C			
Lock D			
MSG A			
MSG B			
MSG C			
MSG D			
RS485			
TCP/IP			
CONTROLLER INFO			
IP ADDRESS			
SUBNET			
GW			
DNS			
SERVER (if Applicable)			
PORT (if applicable)			
Serial Number			
Default IP address			
Standard / Local or Remote use			
Location of Controller			

Connections

Power



Minimum 11.8V DC is required, maximum 14V DC

Readers



Wiegand reader input is set to 26bit as standard. Modern Readers may not require LED / BUZZ connection. DATA 0 and DATA1 should be a split pair when using Cat5 / Cat6.



www.orcomm.com

Network



Ensure Network cable is pushed in correctly.

Door Sensor (if applicable)



The sensors need to be Closed Circuit when door is closed. This allows the system to monitor for Door Forced open, door left open and Break glass detection if installed.