ORC 2DC / ORC 4DC
New Network Configuration v2

Contents
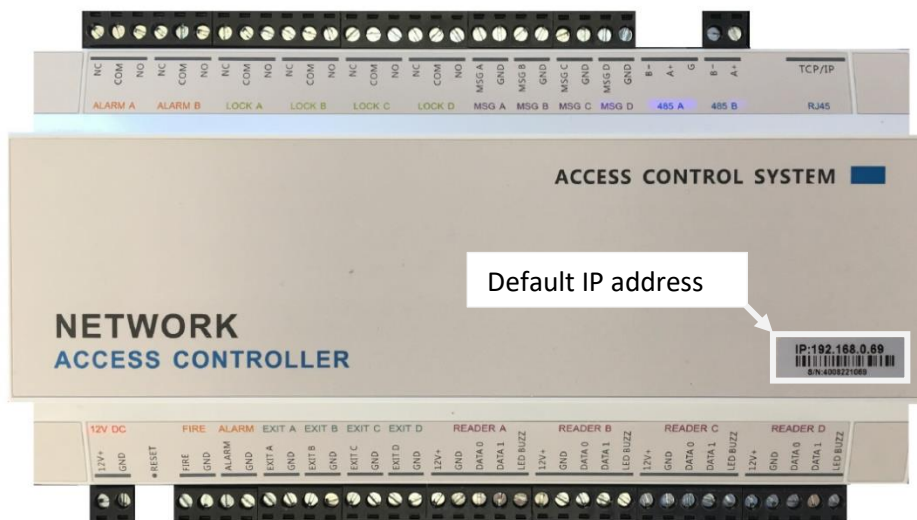
ORC-4DC_NEW_NETWORK_CONFIGURATION_V2

Introduction

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

For more information visit www.orcomm.com

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

Step 6 – New Network settings

Console	
Parameter	
Door	
485 Readers	
Time Zone	
Cards	
Card Event	
Alarm Event	
Time	
Network	
User	

Network Address

Time:Sep 27 2016 10:23:01,A4876,TFTP,Box(WG+485)*8,RS485
Note:Please restart system!

MAC:	00:04:A3:08:96:15
Name:	4DOORBOXCONTROL
IP Address:	10.36.150.21
Port:	8000
Gateway:	10.36.150.1
Subnet Mask:	255.255.240.0

Save

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

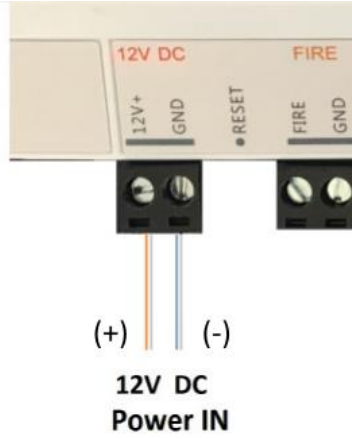When you have changed the controller network settings click "save"

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

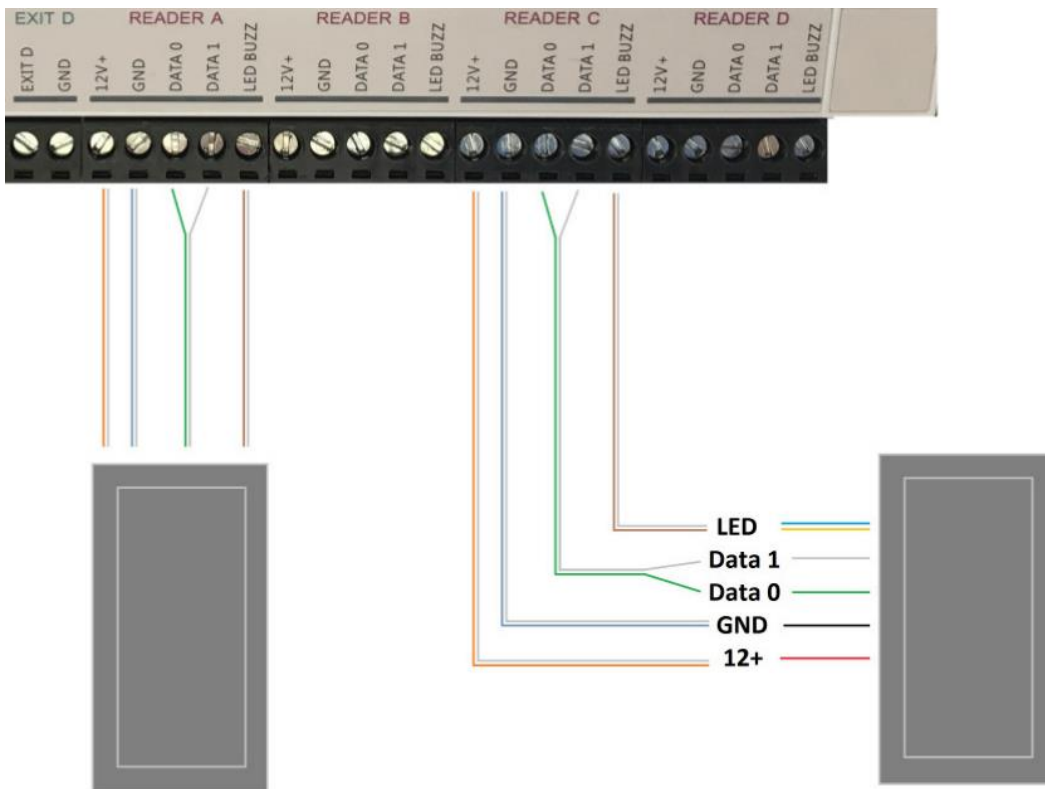| Action	Value / Type / Ref	Checked by	Date
LOWER			
Minimum 11.8V DC Power			
Fire inputs not used (UK)			
Alarm input			
Exit A			
Exit B			
Exit C			
Exit D			
Reader A			
Reader B			
Reader C			
Reader D			
TOP			
Alarm Relay A			
Alarm Relay B			
Lock A			
Lock B			
Lock C			
Lock D			
MSG A			
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.

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.