

PANEL GUIDE

Alphatronics – DC09

Updated March 26, 2025

Latest information

<https://www.csl-group.com/panel-guides/alphatronics/alphatronics-dc09/>

Panel Connection – DC09

Manufacturer	Alphatronics
Model	Unii, XL and ML
Version	DualCom Pro 2 v2.1.14 and above. Unii is not supported for DualCom Pro 1.
Minimum Panel Firmware	XL from 315 / ML from V507
Cable required?	Ethernet Cable (CS.1.301)
Panel Profile	DC09-SIA-IP
Panel Connection	TCP/IP using IPv4

DualCom Pro to Panel Wiring

The DualCom Pro can be powered from either OUT2 or OUT3 on the panel. It is recommended that the DualCom Pro is installed inside the panel to protect against tampering.

DualCom Pro Setup

The DualCom Pro is compatible with [SIA DC-09-2021](https://www.securityindustry.org/wp-content/uploads/2017/10/dc09_r2021_20201027.pdf) and will transmit any SIA Alarms received, without modification, to the ARC.

The default values configured in the device are below and should be updated as appropriate.

Please contact **CSL Technical Support** who can assist in modifying the defaults if required.

Default Values

Variable	Value
IP Address	DHCP
Subnet Mask	DHCP
Default Gateway	DHCP
DC09 Encryption Key	12345678123456781234567812345678
DualCom Pro DC09 IP Port	18000
DC09 Panel Timeout	95 seconds

Panel Setup

Unii Panel

Select IP Diallers

- Dialler 1
 - Protocol: SIA DC09 unencrypted or SIA DC09 encrypted
 - Polling: Select DP 1 to DP4
 - Transmission: TCP
 - Message types to send to ARC
 - Select "Arm / disarm"
 - Select "Alarm"
 - Select "User action (Optional)"
- Primary Dialler
 - Select: "Enabled"
 - Account number: enter ARC Connection ID
 - Receiver address: Enter the IP address of the DualCom Pro
 - Receiver port: 18000
 - Connection type: LAN

- Polling interval: 30
- SIA Test Report Code: RP
- Test report interval (M): 1440

ML Panel

Select IP Diallers

- IP dialler settings
 - Local port: 18000
 - Reports: All messages
 - Protocol: SIA DC 09 or SIA DC 09 encrypted
 - Connection type: Select DP1 to DP4
 - Transport protocol: TCP
- Dialler 1 LAN
 - Select Active
 - Transmission path: LAN
 - IP address: Enter the IP address of the DualCom Pro
 - Account number: Enter the last 4 digits of the ARC connection ID
 - Port: 18000
 - Polling time: 30

XL panel

Select "IP Diallers"

Select tab sheet "DC09 / SecIP"

Diallers : Primary only

- Protocol: SIA DC 09 or SIA DC 09 Encrypted
- Connection type: Select DP1 to DP4
- Transport protocol: TCP
- IP address: Enter the IP address of the DualCom Pro
- Account number: Enter the last 4 digits of the ARC connection ID
- Port: 18000
- Polling time: 30