

PANEL GUIDE

Orisec – CP Range – TTL

Updated September 29, 2025

Latest information

<https://www.csl-group.com/panel-guides/orisec/orisec-cp-range/>

Panel Connection – TTL

Manufacturer	Orisec
Model	CP Range
Version	CP-20 CP-25 CP-30 W-CP-40 CP-50 CP-100 CP-200
Minimum Panel Firmware	CP-20 V1.00 CP-25 V1.10 CP-30 V3.10 W-CP-40 V1.42 CP-50 V1.84 CP-100 V1.84 CP-200 V1.84
Cable required?	Provided with the DualCom Pro
Panel Profile	Orisec-CP-TTL
Panel Connection	TTL
Technical Notes	- Line fault reporting is via the serial interface, no extra settings are required in either the panel or the DualCom Pro. - When configuring the panel, only the COM Port in use should be configured as DualCom Pro. If both ports are configured as DualCom Pro, then the panel will operate incorrectly. - Please ensure that the ARC Account field within individual Areas is left blank. Any number entered in this field will override the global account number of the panel for activations within this area.

DualCom to Panel Wiring

The DualCom Pro can be powered from the AUX +12V and 0V terminals.

Use the 4 pin header of the cable provided and connect to the COM port on the panel.

On the DualCom Pro wire as below:

TTL-T	Blue
TTL-R	Red
RTN	Green



Panel Setup

Enter "Engineering Mode" using the appropriate Engineer Code.

From "Programming Menu", navigate to "ARC-Setup Menu" 17.

Insert or Modify the following:

- Account = ARC Account ID
- Protocol = SIA3 or Contact ID
- Dial Seq = 2
- Reported = Set triggers as required
- Area = Set areas as required
- IP Address = Clear value
- IP Port = Clear value

Exit back to "Programming Menu"

Navigate to "Com Port Setup Menu" 13

Insert or Modify the following:

- Com Port = 1
- Mode = DualCom Pro

Exit "Engineering Mode"