



V 1.1 - 082024

## InstaController ARSI-31074

### KEY FEATURES:

- **Control system** : Enterprise-class control system that controls both Digital & Analog devices
- **Secure** : Secured access through full user management
- **REST protocol** : Representational state transfer (rest) based communication protocol
- **Programmable** : API's support for programming
- **IoT compliant** : Compliant with Internet of things (IoT) architecture
- **Mounting** : One-space rack-mountable


[Watch Video](#)


PeopleLink Instacontroller ARSI - 31074 is a control system that integrates IP devices, including them, into a larger control network. This system can be integrated with any network, personal or commercial. This device offers secured and reliable connectivity with a wide range of IP devices, like touchscreens, computers, mobile devices, etc, whether on-premises or at remote locations. The Instacontroller android app helps in controlling systems on LAN, WAN, or Internet from any location across the globe.

## Technical Specifications:

### Connectors & Card Slots

**Relay Switch Output :** Total 10 blocks (1 to 10) on rear panel with each 2-pin 3.81 mm detachable terminal; Comprises normally open, Non-Isolated relays; Rated 6 Amp, 230 Volts AC or 110 Volts DC max.

**Analog Signal :** Total 9 blocks (operated from 3 channels Ch-1 to Ch-3) on rear panel with each 2-pin 3.81 mm detachable terminal; Rated for 0-10 Volts DC, protected to 10 Volts DC maximum, input impedance 10k Ohms with pull-up resistor.

**Serial Output :** Total 3 blocks (COM-1 to COM-3) on rear panel with each 3-pin 3.81 mm detachable terminal; Bidirectional TTL/RS-232 (0-5 Volts) port with up to 115200 baud rate.

**HW-R :** One recessed push button for hardware reset

**IR & Serial Output :** Total 4 blocks (COM-4 to COM-7) on rear panel with each 3-pin 3.81 mm detachable terminal; Comprises IR/Serial output ports; Bidirectional TTL/RS-232 (0-5 Volts) port with up to 115200 baud rate when configured as serial; One-way IR output when configured as IR Emitter.

**LAN :** One 8-pin RJ45 jack on rear panel; 10Base-T/100Base-TX Ethernet port

**TMP-R :** One 3-pin 3.81mm detachable terminal on rear panel for reading Temperature / Humidity

**Power :** One 2.1 mm DC power jack connector associated with a Power Switch on rear panel; 12 Volt DC power input and 2 Amp max current rating

### Dimensions

**Height :** 44 mm .

**Width :** Without rack ears 444 mm, with rack ears 482 mm.

**Depth :** 185 mm

### Communications

**Ethernet :** 10/100 Mbps

Full / Half Duplex

Industry-Standard TCP/IP stack IPv4

**Analog :** For one-way device control, 0-10 Volts DC variable

**Serial :** For two-way device control and monitoring, all ports support TTL/RS-232 (0-5 volts) up to 115200 baud rate.

**IR & Serial :** Supports one-way device control via Infrared or two-way device control and monitoring via serial, for serial all ports support TTL/RS-232 (0-5 volts) up to 115200 baud rate

### Indicators

**Power Indicator :** One RED LED on front panel, indicates operating power supplied from power adaptor.

**Status Indicator :** One LED on front panel, turns to RED while initializing the controller; turns to Green only when the controller is ready to use.

**Relay Switch Indicators :** 10 Green LEDs on front panel, indicates whether the corresponding Relay Switch is turned on or off. Two LEDs on rear panel; Green LED indicates Ethernet link status; Amber LED indicates Ethernet activity.

### Indicators

**Operating Temperature :** 50° to 113° F (10° to 45° C)

**Humidity :** RH Non-Condensing 15% to 85%.

**Heat Dissipation :** 45BTU/hr.

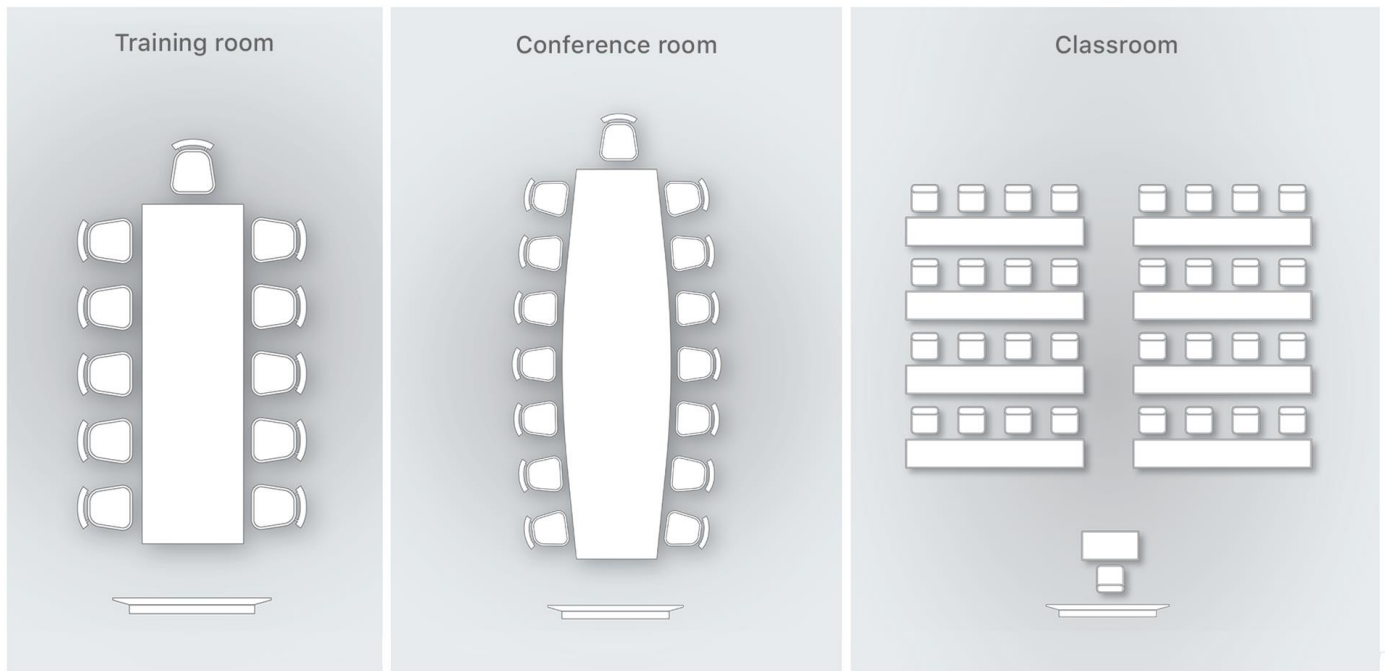
### Enclosure

**Chassis :** Metal, black finish

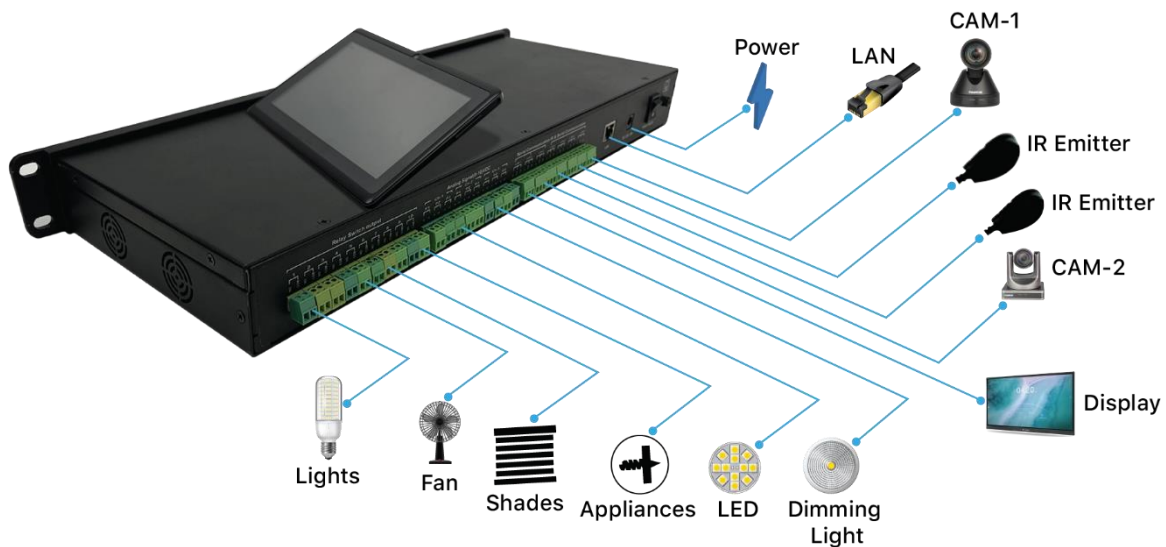
**Faceplate :** Metal, black finish with white label

**Mounting :** Freestanding; 1U rack-mountable (including rack ears)

## Application Scenarios



**Disclaimer:-** Room setup diagrams provided for reference only. Actual room setup and size may vary as per requirements.



## ORDERING INFORMATION:

PeopleLink Insta-Controller

: **PCU – PCT – ARSI - 31074**

### LEARN MORE

For more information on InstaController ARSI-31074 [Click Here](#)

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