



## AIPHONE IPW-10VR Router For Ip Intercom Systems Installation Guide

[Home](#) » [AIPHONE](#) » AIPHONE IPW-10VR Router For Ip Intercom Systems Installation Guide 



### IPW-10VR INSTALLATION GUIDE



The IPW-10VR is an analog-to-IP converter that uses 2-conductor copper wire to connect IP intercom stations. The converter comes with a power supply and ten 2-wire to RJ-45 converters. Purchase an additional IPW-1VT adaptor for each intercom station.

## **Contents**

[1 Features](#)

[2 Package Contents](#)

[3 Installation and Configuration](#)

[4 Sample Wiring Diagram](#)

[5 Web Interface Instructions](#)

[6 Accessing the Web Interface](#)

[7 Changing Network Settings](#)

[8 Changing the User Name and Password](#)

[9 Restarting the Station](#)

[10 Navigate to Maintenance, Restart Device. Click .Factory Resetting the Station](#)

[11 Specifications](#)

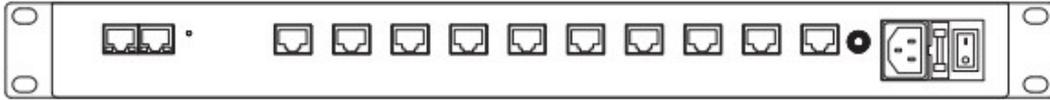
[12 Documents / Resources](#)

[12.1 References](#)

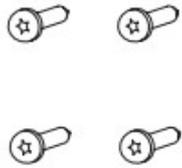
## **Features**

- Works with existing 2-conductor copper wire
- Provide PoE to door stations up to 1000 feet away
- Connects up to ten door stations with a single network port
- Rack mountable
- LED status indicators

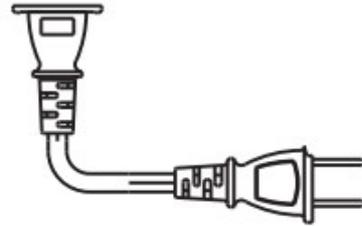
## **Package Contents**



## IPW-10VR Rack Mount Receiver Module



4 M5 Screws



Outlet Plug



10 2-wire to RJ45  
converters

### Installation and Configuration

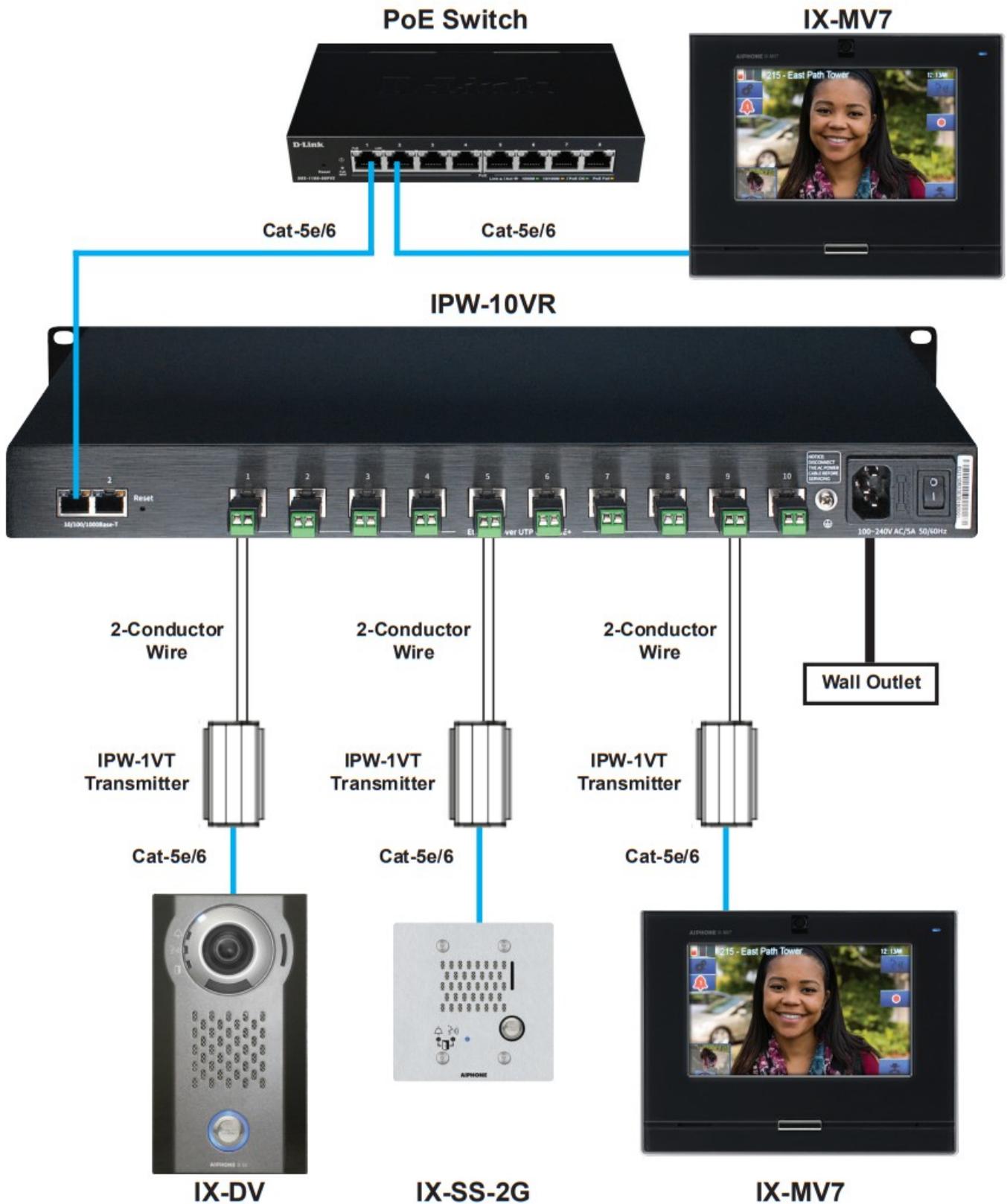
The IPW-10VR is configured out of the box to provide power and network connection on all ten of the PoU (Power over UTP wire) ports.

For each station connected to the IPW-10VR, use two of the 2-wire to RJ45 converters. One will plug into a port on the IPW-10VR, and the other will go into the IPW-1VT transmitter module. Use a small Phillips-head screwdriver to loosen and tighten the converters to connect the 2-conductor wires to both sides.

The four provided screws allow the IPW-10VR receiver module to be installed in a 1U server rack space.

The IPW-10VR is powered from a wall outlet, and is connected to the network by one of the two ethernet ports.

### Sample Wiring Diagram



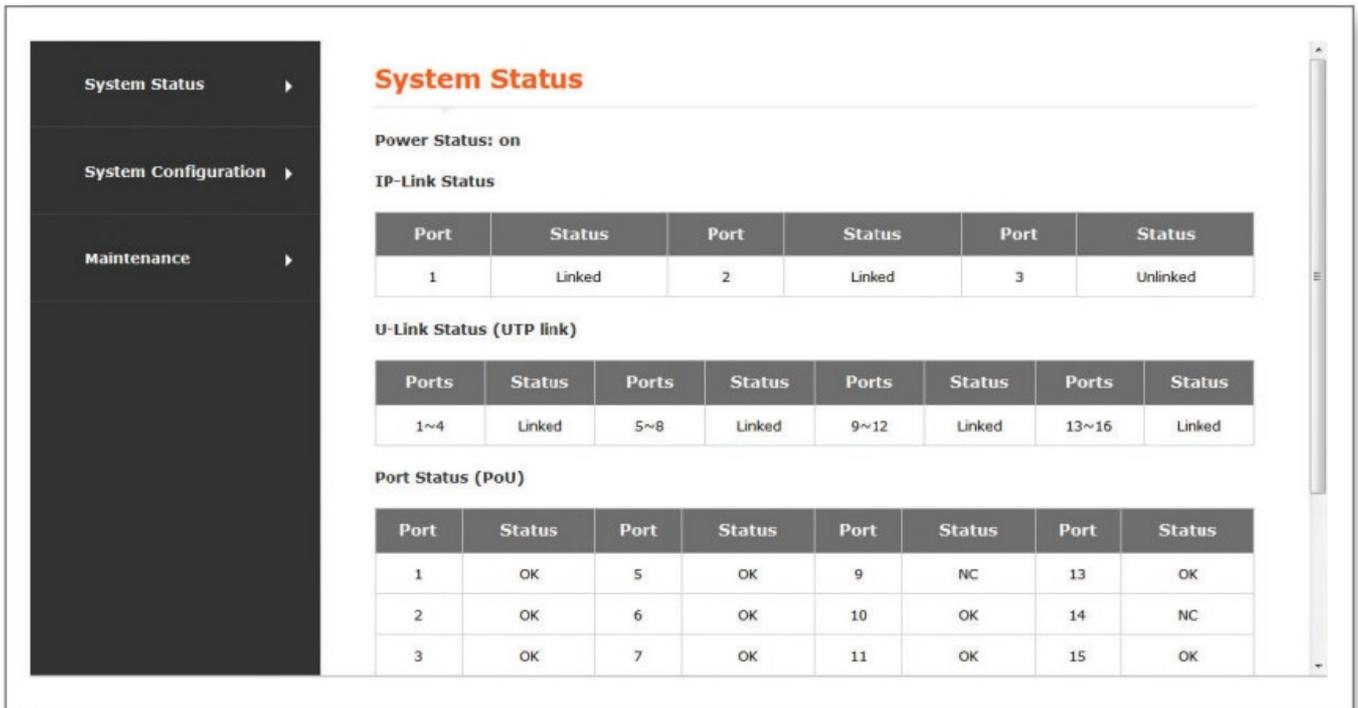
## Web Interface Instructions

The IPW-10VR features a web interface that can be used to adjust its network settings, change the log in credentials, restart, or factory reset the station. The network and security settings may not need to be adjusted on all sites, since the IPW-10VC kit can work on an isolated network. Consult on-site IT about networking requirements.

The default settings are already properly configured to power and connect Aiphone stations, so this guide does not cover adjusting the power settings.

## Accessing the Web Interface

The IPW-10VR's default IP address is 192.168.1.200. Set the programming PC's IP address to be in the same range and enter 192.168.1.200 in the web browser. A log in page will appear. The default user name and password are admin. Once those are entered, the following home screen will be displayed. Navigate to System Configuration, Network Configuration.



The screenshot shows the 'System Status' page. On the left is a dark sidebar with three main sections: 'System Status', 'System Configuration', and 'Maintenance'. The 'System Status' section is active. The main content area has a title 'System Status' and three sections of status information:

- Power Status:** on
- IP-Link Status:** A table with 6 columns: Port, Status, Port, Status, Port, Status. The data is as follows:

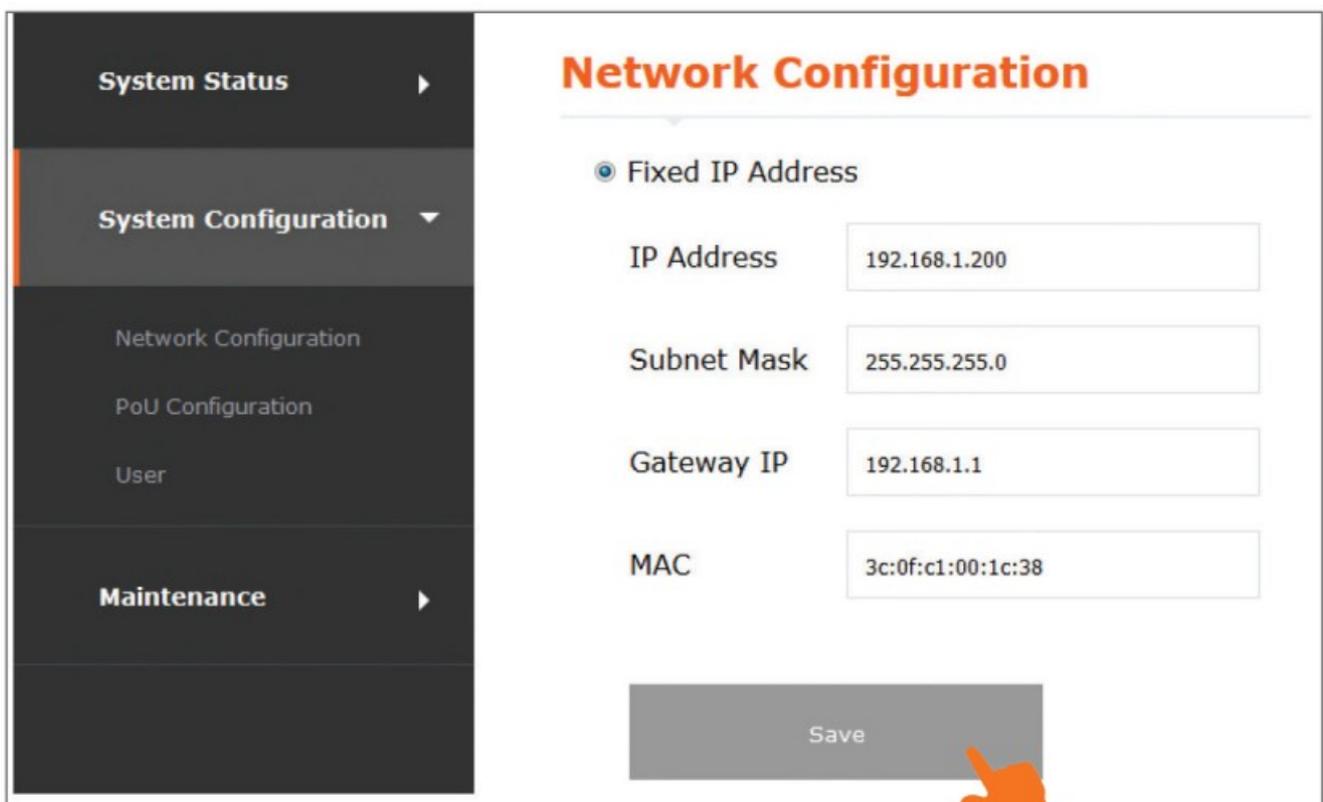
Port	Status	Port	Status	Port	Status
1	Linked	2	Linked	3	Unlinked
- U-Link Status (UTP link):** A table with 8 columns: Ports, Status, Ports, Status, Ports, Status, Ports, Status. The data is as follows:

Ports	Status	Ports	Status	Ports	Status	Ports	Status
1~4	Linked	5~8	Linked	9~12	Linked	13~16	Linked
- Port Status (PoU):** A table with 8 columns: Port, Status, Port, Status, Port, Status, Port, Status. The data is as follows:

Port	Status	Port	Status	Port	Status	Port	Status
1	OK	5	OK	9	NC	13	OK
2	OK	6	OK	10	OK	14	NC
3	OK	7	OK	11	OK	15	OK

## Changing Network Settings

Navigate to System Configuration, Network Configuration. Configure the network settings and click **Save**.



The screenshot shows the 'Network Configuration' page. The sidebar on the left has 'System Configuration' selected. The main content area has a title 'Network Configuration' and a radio button for 'Fixed IP Address' which is selected. Below are four input fields:

- IP Address: 192.168.1.200
- Subnet Mask: 255.255.255.0
- Gateway IP: 192.168.1.1
- MAC: 3c:0f:c1:00:1c:38

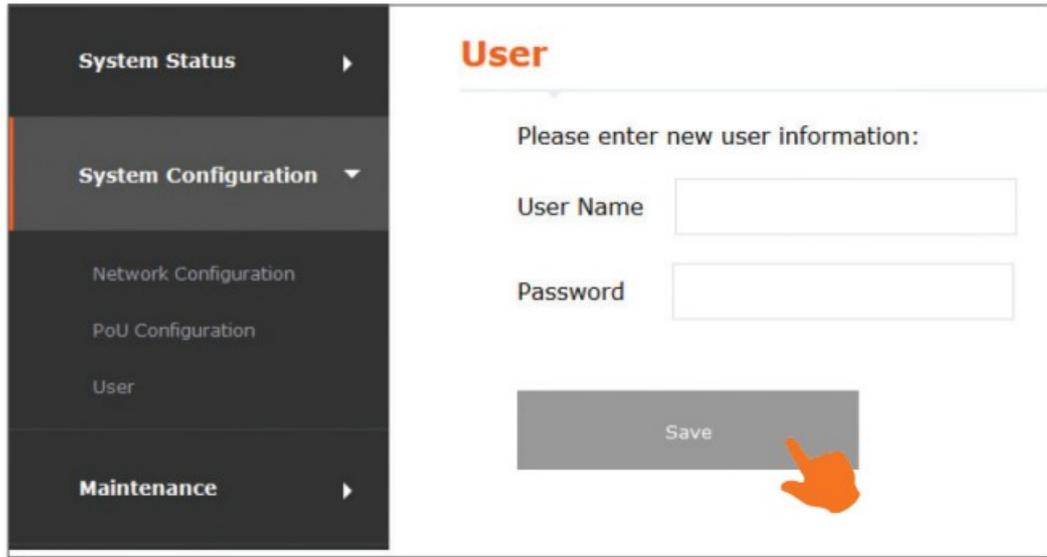
At the bottom, there is a large grey 'Save' button with an orange hand icon pointing to it.



It is not necessary or advisable to change the power settings under System Configuration, PoU Configuration.

## Changing the User Name and Password

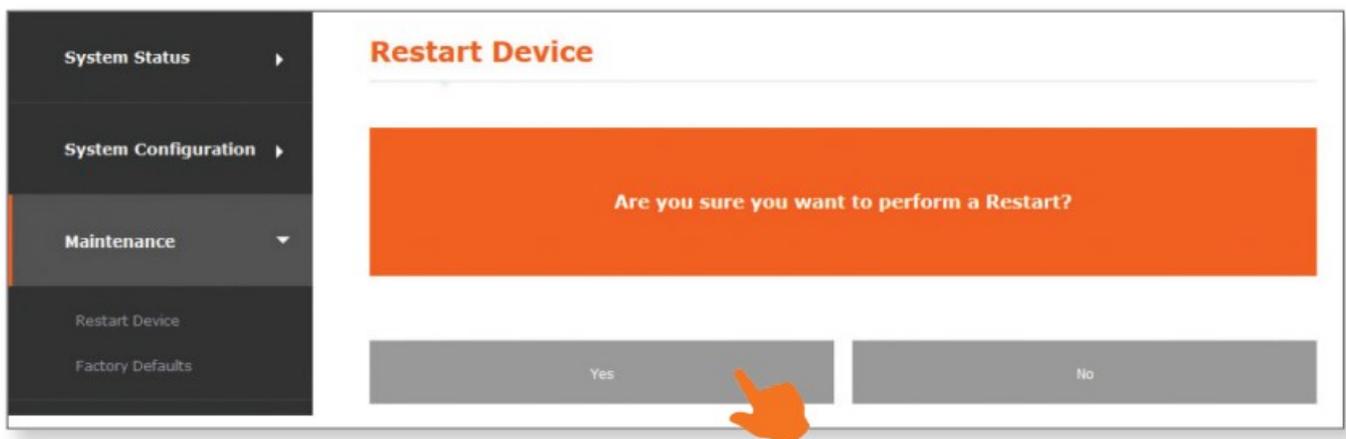
Navigate to System Configuration, User. Enter the desired login credentials and click **Save**.



The screenshot shows a web interface with a dark sidebar on the left and a white main content area. The sidebar has four main sections: 'System Status', 'System Configuration', 'Network Configuration', and 'Maintenance'. The 'System Configuration' section is expanded, showing 'User' as the selected option. The main content area is titled 'User' and contains the text 'Please enter new user information:'. Below this text are two input fields: 'User Name' and 'Password'. A grey 'Save' button is located at the bottom of the form, with an orange hand icon pointing to it.

## Restarting the Station

Navigate to Maintenance, Restart Device. Click **Yes**.



The screenshot shows a web interface with a dark sidebar on the left and a white main content area. The sidebar has four main sections: 'System Status', 'System Configuration', 'Maintenance', and 'Factory Defaults'. The 'Maintenance' section is expanded, showing 'Restart Device' as the selected option. The main content area is titled 'Restart Device' and contains a large orange banner with the text 'Are you sure you want to perform a Restart?'. Below the banner are two grey buttons: 'Yes' and 'No'. An orange hand icon is pointing to the 'Yes' button.

## Factory Resetting the Station

Navigate to Maintenance, Factory Defaults. Enter the desired login credentials and click **Save**.



The screenshot shows a web interface with a dark sidebar on the left and a white main content area. The sidebar has four main sections: 'System Status', 'System Configuration', 'Maintenance', and 'Factory Defaults'. The 'Maintenance' section is expanded, showing 'Factory Defaults' as the selected option. The main content area is titled 'Factory Defaults' and contains a large orange banner with the text 'Are you sure you want to reset the configuration to Factory Defaults?'. Below the banner are two grey buttons: 'Yes' and 'No'. An orange hand icon is pointing to the 'Yes' button.

## Specifications

Power Input:	100-240V AC	
Power Draw:	260W max	
Mounting:	Supplied 1U rack mount	
LAN Ports:	2 (RJ45)	
UTP Ports:	10 (RJ45 to UTP connector) w	
Cat-5e/6 to 2-wire Converter:	15 feet	
Calling Capacity: w/Nideo Station w/Audio Station	0-500 feet 501-1000 feet 0-1000 feet	5 master stations 3 master stations 7 master stations
Operation Temp:	-4°~158°F (-20°~70°C)	
Dimensions:	1-3/4" H x 19" W x 11" D	

### FCC WARNING:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.

For proper regulatory compliance, the drain wire should be disconnected at the power supply end of the cable. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



For more details about the features and information above, please contact Technical Support.  
Aiphone Corporation  
[www.aiphone.com](http://www.aiphone.com)  
(800) 692-0200

### Documents / Resources

	<p><a href="#">AIPHONE IPW-10VR Router For Ip Intercom Systems</a> [pdf] Installation Guide IPW-10VR Router For Ip Intercom Systems, IPW-10VR, Router For Ip Intercom Systems, Ip Intercom Systems, Intercom Systems</p>
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### References

- [Home - Aiphone](#)
- [Home - Aiphone](#)