

IP Camera Gateway

Sch./Ref. 1036/69



Please do not connect with PoE port !

Manual version V1.1

Code: SRD-UME1036/69-0815-V1.1

Preamble

Thank you for purchasing Urmet products. This document is the user manual of the U1 Voice system. The user should read this manual thoroughly before operating the products of U1 Voice system.

Disclaimer

The description, pictures, tables, etc. in this document have been written and verified to the best of knowledge and responsibility of the authors and editors. Nevertheless, mistakes concerning the content are possible. Therefore, all content is not liable to any duties or guarantees. The authors, editors and publishers do not take any responsibility or liability for failures and their consequences. You are always welcome to indicate possible mistakes.

This manual is subject to change without notice.

Copyright

Copyright © 2014 Urmet Electronics Limited

All rights reserved.

This manual is protected under international copyright laws. No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Wasp Technologies. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without the prior written permission of Urmet Electronics Limited.

Content

Chapter 1. Introduction.....	3
1.1 Features.....	3
Chapter 2. Appearance and Interface.....	4
2.1 Appearance.....	4
2.2 Interface.....	2
Chapter 3. Connection Diagram.....	5
Chapter 4. Gateway Setting.....	6
4.1 Log in gateway.....	6
4.2 System Setting.....	6
4.3 Configuration Setting.....	8
4.4 Password Modifying.....	9
Chapter 5. Indoor Station Setting.....	10
Chapter 6. Setting Samples.....	11

Chapter 1. Introduction

The IP camera gateway is a part of the U1 Series building door phone system, it adopts two network card design to manage IP camera in two network segment. The system could perform monitoring function and picture capturing via connecting the device.

1.1 Features

- Two network card design
- 255 online IP camera management maximum
- 5 lines video surveillance at the same time
- Flexible LAN2 network segment setting



- 1) This product accepts local power supply only;
- 2) Please do not connect with PoE ports of 24V PoE.

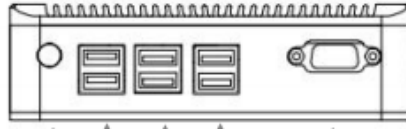
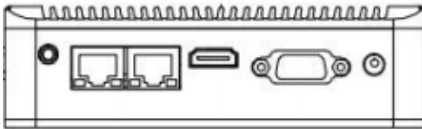
Chapter 2. Appearance and Interface

2.1 Appearance



Front view

Rear view



1

2

3

4

5

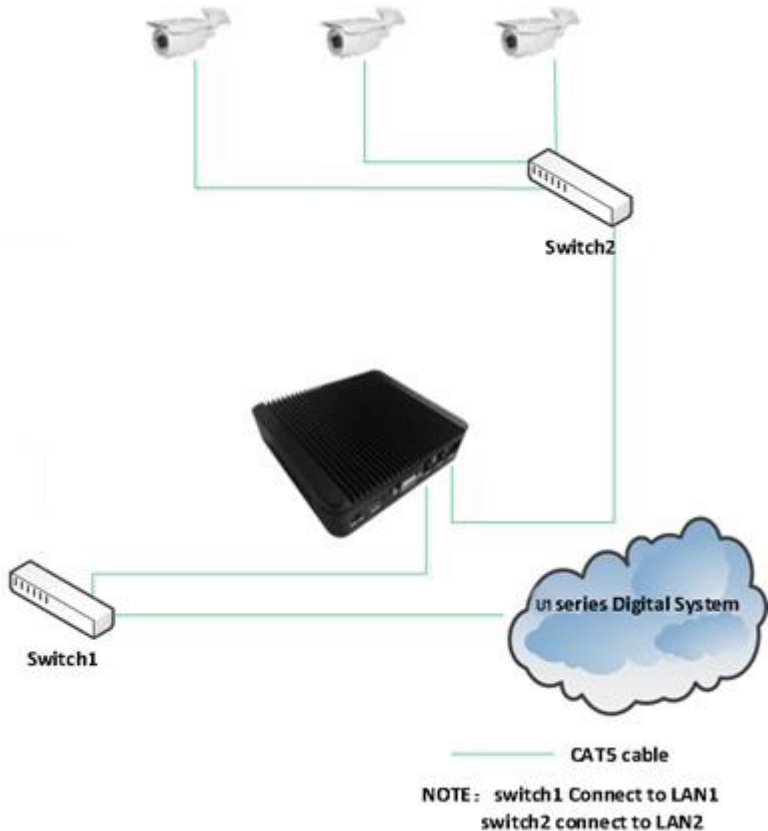
6

7

8

- 1: Audio interface
- 2: Network interface LAN1/2
- 3: HDMI interface
- 4: VGA interface
- 5: DC 12V Power interface
- 6: ON-OFF button
- 7: 6 USB interfaces
- 8: COM port

Chapter 3. Connection Diagram



【Diagram Description】

LAN1 must connect to U1 Series phone system, LAN2 should connect to IP camera system.

LAN1 port:

IP should be fixed as 10.0.0.2, subnet mask: 255.0.0.0.

LAN2 port:

IP of interface and subnet mask can be acquired via DHCP, or set up as static IP address (related setting shown as below);

Manage the same IP cameras.

Chapter 4. Gateway Setting

Before using the gateway, please set the IP address for IP cameras, cameras' IP must be in same network segment as LAN 2's. For related IP camera setting, please find IP camera user manual for reference.

4.1 Log in gateway

Set the computer IP address to be 10.0.0.1, subnet mask 255.0.0.0; and use Cat 5 cable to connect the PC port with Gateway LAN 1 (or connect gateway LAN1 directly). Short press the switch to make gateway power on. Input the 10.0.0.2 in the browser address bar to get into the gateway server.

As the image below :

Authentication

Language

Username

Password

【Notice】

Account : admin

Password: 123456

Main Status

Settings

- [System Setting](#)
- [Camera Setting](#)
- [Change Password](#)

Connected Monitor Count: 0

Saved Camera Count: 0

V1.00_20180727

4.2 System Setting

Choose System Setting to enter in the interface of system setting,

as below:

System Setting

Language Setting
Language

Network Setting
 dhcp static
IP Address
Submask
Gateway

Monitor Setting
Max Connection

--!>

Factory Reset

[Main Page](#)

4.2.1 Language Setting

English or Chinese

4.2.2 Network Setting

Set information for LAN2 port interface

Automatic acquisition : LAN2 will acquire the interface information according to DHCP.

Manual setting: set LAN 2 interface as static information, including IP address, subnet mask and gateway address;

dhcp static

IP Address

Submask

Gateway

Detector Setting: Set up max connections.

4.2.3 Factory data reset

Choose Factory Data Reset button to reset the gateway.

4.3 Configuration Setting

Choose Configuration Setting to enter in the setting interface,as below:

The screenshot shows the 'Camera Setting' interface. On the left, there is a sidebar with a 'Refresh Camera' button at the top, followed by 'Saved Cameras' and 'Unsaved Cameras' sections. The main area contains the following fields and controls:

- Camera IP:
- Video Address:
- Manual Setting
- Camera ID:
- Remark Name:
- Account:
- Password:
- Buttons: Add, Change, Delete

A 'Main Page' link is visible in the bottom right corner.

Refresh the device and then choose the unsaved device, the unsaved device will show the IP address on the right side; Set up the device number (Device No. range from 1-255), the device name, the camera account and password. Image shown as below:

The screenshot shows the 'Camera Setting' interface after configuration. The 'Unsaved Cameras' section in the sidebar now displays '192.168.1.11'. The main area shows the following configuration:

- Camera IP: 192.168.1.11
- Video Address:
- Manual Setting
- Camera ID: 25
- Remark Name: 25
- Account: admin
- Password: •••••
- Buttons: Add, Change, Delete

A 'Main Page' link is visible in the bottom right corner.

After saving the IP camera successfully, there is green dot at the saved device as below:

Camera Setting

Saved Cameras
● 25

Unsaved Cameras

Camera IP

Video Address

Manual Setting

Camera ID

Remark Name

Account

Password

[Main Page](#)

【Notice】 :
If fail to set up, please see the sample as reference

4.4 Password Modifying

Click Password Modifying to enter in the interface, after inputting the current password, re-input new password and confirm. Interface shown as below:

Change Password



Old admin Password

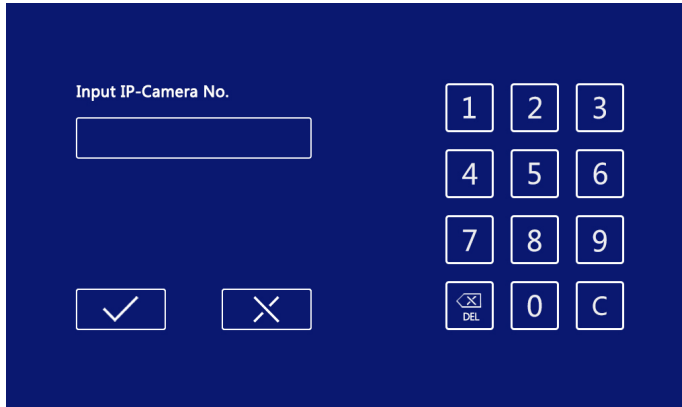
New admin Password

Confirm admin Password

[Main Page](#)

Chapter 5. Indoor Station Setting

Click  in the menu of indoor station \Rightarrow Camera Setting, input password, then enter in the interface of camera setting. Click the icon  on the right, then enter in the interface of camera, shown as below:



Input the camera number which is set before , and click Confirm button, the station will be back to the interface of camera setting automatically, and the successful camera number will be shown, as below:



【Notice】 Choose this camera to perform remote monitoring IP camera.

Chapter 6. Setting Samples

6.1 Sample 1

The IP of IP camera is 192.168.2.201, subnet mask : 255.255.255.0.

Since the camera's IP is not at the same network with LAN1, the camera cannot be under LAN1.

Enter in the interface of Gateway Setting, to check the network of LAN2, which shown as below:

Network Setting

dhcp static

IP Address

Submask

Gateway

Network for interface LAN2 is 192.168.1, therefore, cannot monitor the IP camera. In this case, there are two solutions:

- 1) Change the network segment of LAN 2, make it as the same as IP camera; however, if there already exists IP camera, may still fail to monitor.
- 2) Change the network segment of IP camera, to make it as the same as LAN2's.

Choose option 2), set up camera IP as 192.168.1.201, then enter Configuration Setting interface, refresh, there will be a notice as below :

Camera Setting

Saved Cameras

Unsaved Cameras

- 192.168.1.201

Camera IP

Video Address

Manual Setting

Camera ID

Remark Name

Account

Password

[Main Page](#)

Choose device under Unsaved. To set the device's number, to remark device's name; and to input IP camera's account, password. To click Add, then done, find below photo for reference:

The screenshot shows the 'Camera Setting' page. On the left, there is a 'Refresh Camera' button and a list of cameras. The 'Saved Cameras' section shows 25 cameras. The 'Unsaved Cameras' section is currently empty. On the right, there are input fields for 'Camera IP', 'Video Address', 'Camera ID', 'Remark Name', 'Account', and 'Password'. There is a checkbox for 'Manual Setting' and three buttons: 'Add', 'Change', and 'Delete'. A 'Main Page' link is visible in the bottom right corner.

The camera is set in the indoor station to realize monitoring and management of the IP camera.

6.2 Sample 2

The IP of camera is 192.168.1.68, subnet mask : 255.255.255.0. This camera is at the same network with gateway LAN2. Connect to the interface of the LAN2, then enter in the interface of Gateway Setting. Shown as below:

This screenshot is similar to the previous one, but the 'Unsaved Cameras' list now contains one entry: '192.168.1.68'. The configuration fields on the right remain empty. The 'Main Page' link is also present in the bottom right corner.

Set up the related setting choices, then add this camera.

Camera Setting

Refresh Camera

Saved Cameras

Unsaved Cameras

- 192.168.1.68

Camera IP

Video Address

Manual Setting

Camera ID

Remark Name

Account

Password

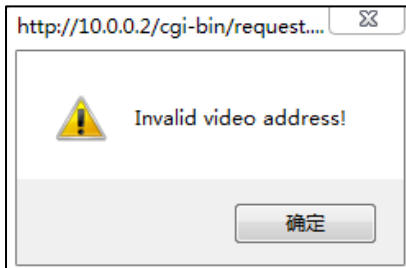
Add

Change

Delete

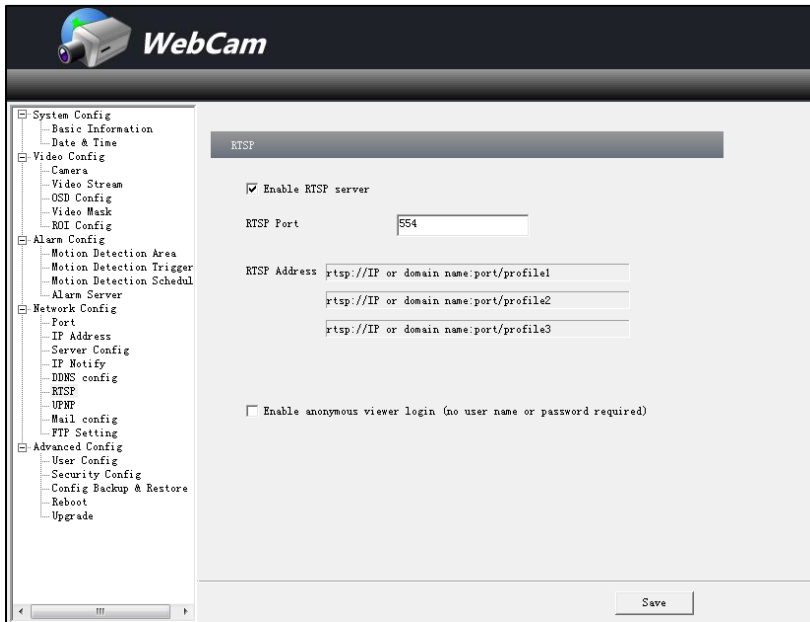
[Main Page](#)

If it pops up the window as below, it means fail to acquire video address.



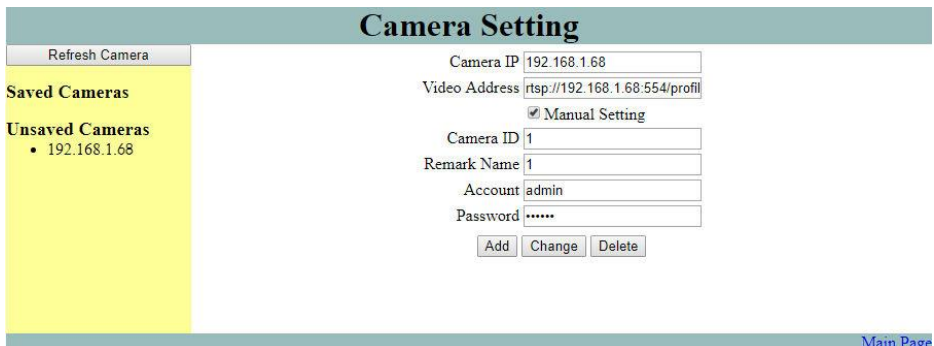
【Notice】 In this case, setting manually is requested.

Enter in the IP camera, to look for the camera video address, which shown as below:



【 Notice 】 Different IP camera owns different video address, please look over at Camera Internal Settings or User Manual.

Choose Manual Setting of the Gateway Setting to set up camera, setting interface shown as below:



Once set up successfully, the interface will show as below:

Camera Setting

Refresh Camera

Saved Cameras
● 25

Unsaved Cameras

Camera IP

Video Address

Manual Setting

Camera ID

Remark Name

Account

Password

[Main Page](#)

The camera is set in the indoor station to realize monitoring and management of the IP camera.