



Note: only support windows-IE for parameter setting.

Google browser ( Need to install IETab ) (Instruction manual/IETab )

Support windows-IE, computer software, mobile APP, NVR, all PTZ control.

U disk content :

Docking protocol introduction: [HTTP API\\_V1.0](#)

Camera search and modification tool : General\_DeviceManage\_V2.5.2.2.T.20180326

DeviceSeach search tools and instructions/DeviceSearch

Windows-----Windows-CMS/General\_CMS\_V3.1.0.8.T.20180606

Hikvision software 海康威视软件/iVMS-4200(V3.1.0.5\_E)

Hikvision software 海康威视软件/ivms-4200v2.7.1.4

MAC-----UMEye\_mac\_v2.4.9.3 ( Support P2P ID WAN remote browsing )

Hikvision software 海康威视软件/V1.02.05.02-iVMS-4200.pkg

Android-----UMEye Pro\_android\_v2.3.4.28.apk ( Support P2P ID WAN remote browsing )

IOS-----UMEye Pro\_ios\_v2.4.1.1.ipa ( Support P2P ID WAN remote browsing )

IE Browser remote access

<http://umweb.umeye.com/>

FormatFactory\_setup:Video playback and conversion format software

IP Camera default IPaddress: 192.168.1.88 (Before use, check the LAN IP)

TCP Port: 5000, HTTP Port:80, ONVIF Port: 2000 ( Access other software and NVR ) .

If other computer software or devices are connected via the ONVIF protocol, images cannot appear. Try adjusting the camera video encoding:  
H.264/MJPEG/H.265/H.265+.

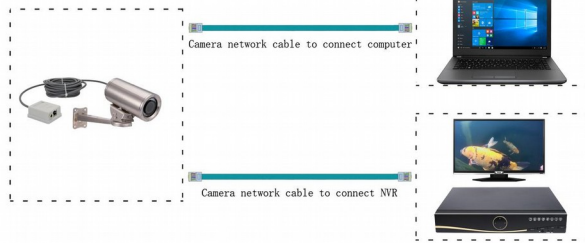
Camera IP address: 192.168.1.88

Camera user:admin

Camera password:admin

Example:  
IP address:192.168.1.88  
Subnet mask:255.255.255.0  
Default gateway:192.168.1.1

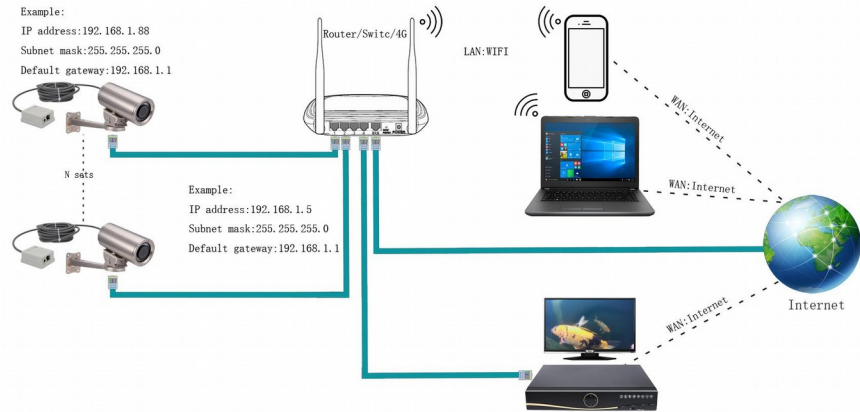
Example:  
IP address:192.168.1.5  
Subnet mask:255.255.255.0  
Default gateway:192.168.1.1



The computer is directly connected to the camera and needs to shut down other networks of the computer, such as WIFI.

Example:  
IP address:192.168.1.88  
Subnet mask:255.255.255.0  
Default gateway:192.168.1.1

Example:  
IP address:192.168.1.5  
Subnet mask:255.255.255.0  
Default gateway:192.168.1.1



1:PTZ position: lighting adjustment ( [Support windows-IE, computer software, mobile APP, NVR, all PTZ control.](#) ) Diameter zoom lens intelligent learning correction (new scene correction) , Input: 255, click: Call, the camera lens will learn from the new focus intelligent according to the current environment.

The screenshot shows a web browser window displaying the IP camera interface. The browser address bar shows `http://192.168.1.88/login.asp`. The interface has a top navigation bar with buttons for `Liveview`, `Replay`, `Config`, `Alarm`, and `Log out`. Below this is a secondary bar with `Main Stream`, `Sub Stream`, and various function icons like `Snap`, `Record`, `Call`, `Listen`, `Full`, `W.H`, and `Regior`. The main display area shows a timestamp `2018-10-29 08:38:46` and a large video feed area. On the right side, there is a PTZ control panel highlighted with a red box. This panel includes directional arrows, a zoom slider set to 50, and buttons for `Zoom`, `Focus`, `Iris`, `Value(1-255)` (set to 1), `Presel`, `Call`, `Wiper`, and `Lighting`. A red arrow points from the `Call` button to the text below. The Windows taskbar at the bottom shows the system time as 8:38 on 2018-10-29.

Input: 255  
Click: Call  
Diameter zoom lens intelligent learning correction (new scene correction)

Set the lights through the NVR/Computer Software/IE/Mobile APP PTZ function.  
 通过NVR/电脑软件/IE/手机APP云台功能设置灯光



Infrared light  
红外灯

1:Default Photosensitive IC control  
 Brightness 50%  
 光敏控制默认亮度50%

Click once to switch  
 点击一次切换

2:Default manual control  
 Brightness 0%  
 手动控制默认亮度0%

White light  
白光灯

1:Default Photosensitive IC control  
 Brightness 50%  
 光敏控制默认亮度50%

Click once to switch  
 点击一次切换

2:Default manual control  
 Brightness 0%  
 手动控制默认亮度0%

2: Camera internal detail adjustment: use IE browser 192.168.1.88 to enter the camera internal settings

1: Image color adjustment: color / black

The default color turns black. If you need to maintain color, please go inside the camera to set it up.

Note:

2.1: Black and white image, lower illumination and clearer.

2.2: When using infrared light, it must be in black or automatic state.

The screenshot shows a web browser window with the URL <http://192.168.1.88/login.asp>. The browser's address bar and tabs are visible. The main content area is titled "IP CAMERA" and has a navigation menu with options: Liveview, Replay, Config (selected), Alarm, and Log out. On the left, there is a sidebar menu with categories: Local Config, Audio Settings, Video Settings (expanded), Network Settings, Storage Settings, Alarm Settings, COM Setting, System, and Smart. Under "Video Settings", "Video Parameter" is selected. The "Video Parameter" section contains a live video feed on the left and a configuration panel on the right. The configuration panel has tabs for "Images", "Basic", "IR", and "Advanced". The "Images" tab is active, showing settings for Mirror (Close), Flip (Close), LSC (Close), CTB (Auto), 3D-DNR (Low), WDRStrength (70), Video Standard (60HZ and 50HZ), and Iris Mode (Non-Auto and DC Auto). A "Save" button is at the bottom. A red annotation "Image color / black / photoresistor control" points to the CTB setting, and another red annotation "Adjustment of WDR reflection" points to the WDRStrength slider. A "Save" button is also present at the bottom of the configuration panel.

IP CAMERA

Liveview | Replay | **Config** | Alarm | Log out

+ Local Config  
+ Audio Settings  
- Video Settings  
• OSD Settings  
• Video Overlay  
• Video Coding  
• Video Mask  
• **Video Parameter**  
• Picture Parameter  
+ Network Settings  
+ Storage Settings  
+ Alarm Settings  
+ COM Setting  
+ System  
+ Smart

Video Parameter

2018-09-09 10:21:00

Images | Basic | IR | Advanced

Mirror  | Flip

LSC  | CTB

3D-DNR

WDRStrength  70

Video Standard  60HZ  50HZ

Iris Mode  Non-Auto  DC Auto

\* Click the corresponding icon or title, set the default value.

Image color / black / photoresistor control

Adjustment of WDR reflection

100%

3: Set the status of the IR-CUT. Adjust the position of the 2 filters inside the camera.

The screenshot shows a web browser window with the URL `http://192.168.1.88/login.asp`. The page title is "IP CAMERA". The navigation menu on the left includes:

- + Local Config
- + Audio Settings
- Video Settings
  - OSD Settings
  - Video Overlay
  - Video Coding
  - Video Mask
  - Video Parameter
  - Picture Parameter
- + Network Settings
- + Storage Settings
- + Alarm Settings
- + COM Setting
- + System
- + Smart

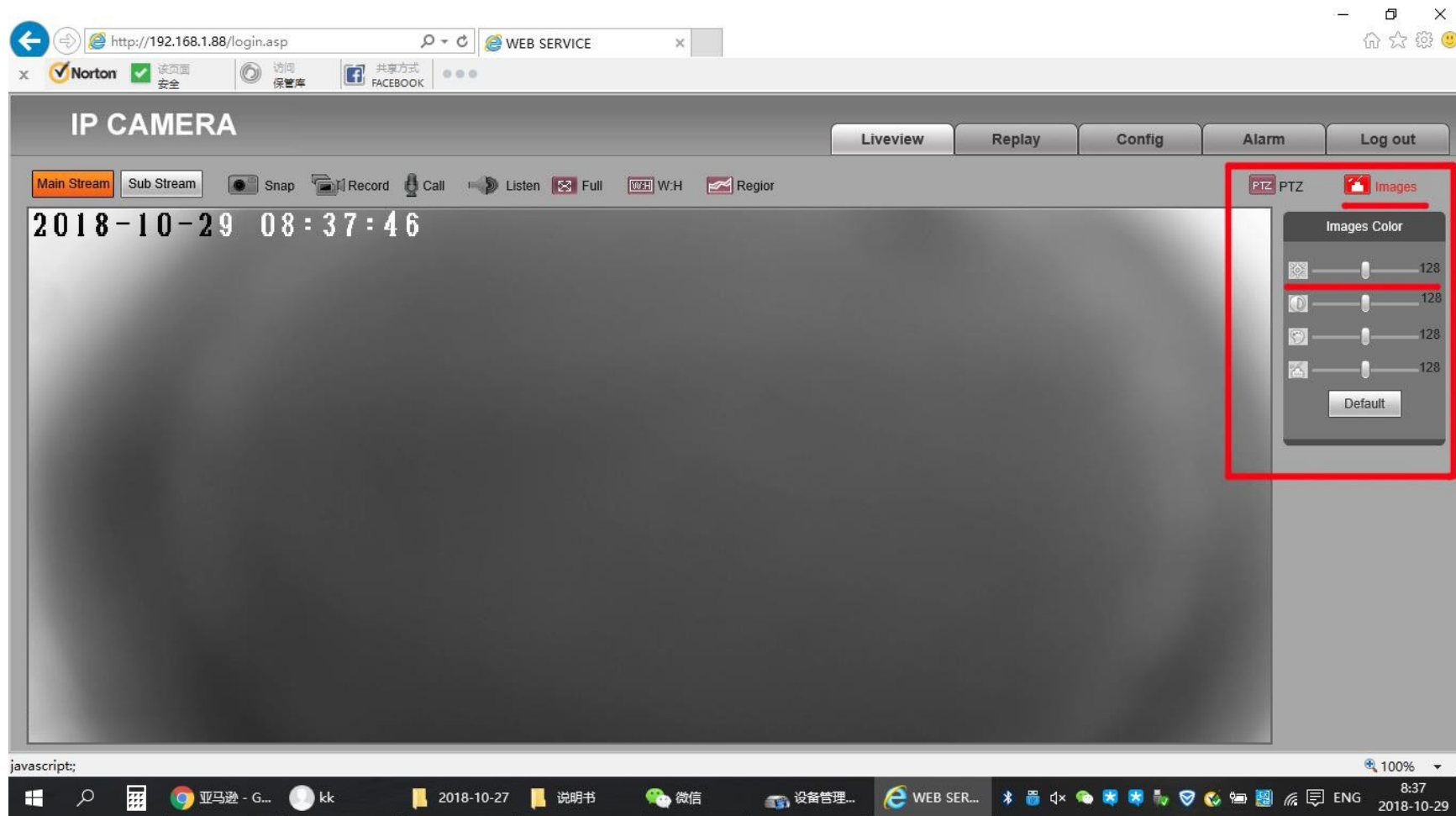
The main content area is titled "Video Parameter" and contains a video feed on the left and configuration options on the right. The video feed shows a dark scene with a timestamp "2018-12-03 11:34:00 MON" and "IP Camera" in the bottom left corner. The configuration options are organized into tabs: "Images", "Basic", "IR", and "Advanced". The "IR" tab is selected, showing the following settings:

- IR mode: IR Detection
- High Level
- Black-Color: 2 S
- Color-Black: 0 S
- ICR: Low Level
- IR: Auto
- IR Direction: High Level

Below the configuration options is a "Save" button and a note: "\* Click the corresponding icon or title, set the default value." The browser window also shows a "WEB SERVICE" tab and standard browser navigation icons.



#### 4: Image brightness adjustment



## 5:Image quality and response speed adjustment

Note:

If you encounter the ONVIF protocol docking: please try to adjust H.264/H.265/H.265+

If it is GOP (F) affect the reaction rate.

The screenshot shows a web browser window with the URL <http://192.168.1.88/login.asp>. The browser's address bar and toolbar are visible at the top. The main content area is titled "IP CAMERA" and has a navigation menu with "Liveview", "Replay", "Config", "Alarm", and "Log out". The "Config" tab is selected, and the "Video Coding" sub-tab is active. On the left, a sidebar menu lists various settings categories, with "Video Coding" highlighted. The main settings area is divided into two columns: "Main Stream" and "Sub Stream".

Main Stream		Sub Stream	
Coding Level	High Profile	Coding Level	Main Profile
Coding	H.264	Coding	H.264
Resolution	1920 * 1080	Resolution	640 * 480
Quality	Normal	Quality	Normal
Advanced	<input checked="" type="checkbox"/>	Advanced	<input checked="" type="checkbox"/>
Rate control	VBR	Rate control	VBR
Quality	Better	Quality	Bad
Bitrate limits	(30~16384Kb/S)	Bitrate limits	(30~16384Kb/S)
Bitrate(Kb/S)	3584	Bitrate(Kb/S)	1024
Frame rate(F/S)	25 (1~25)	Frame rate(F/S)	25 (1~25)
GOP(F)	25 (1~200)	GOP(F)	25 (1~200)

Below the settings, there are buttons for "LAN...", "WAN...", and "Save". A red line is drawn under the "GOP(F)" field in the Main Stream section, and a red arrow points to it with the text "Image response speed".

\* LAN...:LAN Default.  
\* WAN...:WAN Default.

6:If the TF card function is supported:

The screenshot shows a web browser window with the address bar displaying `http://192.168.1.88/login.asp`. The browser's address bar also shows a "WEB SERVICE" tab. The browser's toolbar includes icons for back, forward, home, star, and a smiley face. Below the browser window, the IP camera web interface is visible. The interface has a dark grey header with the text "IP CAMERA" on the left and navigation buttons for "Liveview", "Replay", "Config", "Alarm", and "Log out" on the right. The "Config" button is highlighted with a red underline. On the left side of the interface, there is a sidebar menu with the following items: "+ Local Config", "+ Audio Settings", "+ Video Settings", "+ Network Settings", "- Storage Settings" (highlighted with a red underline), "• Device Setting", "• Record Setting", "• Snap Setting", "+ Alarm Settings", "+ COM Setting", "+ System", and "+ Smart". The main content area is titled "Storage Device" and contains a table with the following data:

Choose	No.	TotalSize(M)	FreeSize(M)	Status
<input checked="" type="radio"/>	1 SD	121934	118910	formatted

Below the table, there are two buttons: "Format" and "Refresh". Underneath the buttons, there are three dropdown menus: "Code stream" set to "Main Stream", "Record file packing time" set to "30" with "Mins" to its right, and "filetype" set to "EXT2". A "Save" button is located at the bottom of these settings.

At the bottom left of the browser window, the text "javascript;" is visible. At the bottom right, the zoom level is set to "100%".

## 7 : P2p remote connection

Option 1: The same LAN, the phone to search.

Option 2: Use the windows-ie browser to find the UUID number.

Option 3: Use the umeye computer software to search for UUID numbers on the LAN.

The screenshot shows a web browser window displaying the configuration page for an IP camera. The browser's address bar shows the URL `http://192.168.1.88/login.asp`. The page title is "IP CAMERA". The interface includes a navigation menu on the left with categories: Local Config, Audio Settings, Video Settings, Network Settings (highlighted), Storage Settings, and Alarm Settings. Under Network Settings, the "Mobile" option is selected. The main content area is titled "P2P Server" and "Port Server". It features a text input field for the "UUID" containing the value "umksdjfm", a "Save" button, and a QR code. The browser's taskbar at the bottom shows the Norton security icon and a zoom level of 100%.