

# **Test Report of Euro Version** 5 Inch IP Dome

20110823



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# **TEST INFORMATION**

Device Type: DS-2DF1-515 Firmware Version: V3.1.0 120110

Note: All the following configuration are done via IE. Some of the following modifications may not be available in iVMS4000.

# 1. DEVICE PORT ISSUE

## Modification Reason:

For former version you need to do port forwarding for Device Port (Default 8000), HTTP Port(Default 80), RTSP Port(Default 554) and RTSP Data Port(Default 8200). Too many ports need to do port forwarding for IPC.

**Modification Description:** For this version you need to do only two port forwarding for HTTP Port (Default 80) and RTSP Port(Default 554).

<image><image><image><image><image><image>

The login interface is shown below.

## Note:

For example HTTP Port is 81 and RTSP Port is 554

- 1) Type the following URL to login: <u>http://DeviceIP:81</u>
- 2) Add IP DOME to NVR with HTTP Port: 81
- 3) Add IP DOME to Client Software with either HTTP Port:81
- 4) If you want connect from WLAN with 80 and 554 forwarded, you should change the protocol type to RTP/RTSP(the protocol option could be found in Configuration -> Local Configuration -> Protocol Type), see below:

Pic1 Login

# **HIKVISIO**N

HIKVISION IP Camera						
Preview Playb	ack Log Configuration					
🚱 Parameters Configuration						
Local Configuration End to the configuration	Protocol Type:	RTP/RTSP -				
Basic Information	Encoding Parameters:	Main stream 👻				
🖸 🚞 Channel Parameters	Display Mode:	4:3 👻				
■ 💳 Network Parameters ── 🌱 Network Setting	Package File Size:	256M 👻				
PPPOE Setting	Transmission Performance:	Normal real-time and fluency 👻				
Time Setting	Save Record File As:	C:\Program Data\Web\RecordFiles	Browse			
Y E-mail Setting Y NFS Setting	Save preview captured picture as:	C:\Program Data\Web\BMPCaptureFiles	Browse			
📮 🚞 Alarm Parameters	Save Playback Captured Picture As:	C:\Program Data\Web\PlaybackPicFiles	Browse			
Motion           Deployment Time	Save Download File As:	C:\Program Data\Web\DownloadFiles	Browse			
	Save					
- Remotely Upgrade						
Default e Reboot Device						

**Pic2 Local Configuration** 

# 2. PAGE SWITCHOVER ISSUE

## Modification Description:

Remove the hint when you turn to the Configuration page from Preview.

# 3. BASIC INFORMATION ISSUE

## Menu Path:

Configuration->Remote configuration->Basic Information

## **Modification Description:**

Remove "Device Description" in "Remote configuration". Basic Information menu is shown below.



## Test Report of Euro Version

IP Camera	а			
Preview Playb	ack Log	Configuration		
🚱 Parameters Configuration				
Local Configuration	Device Name:	Net IPDC	DME	
Basic Information	Device ID:	88		
DST Setting	MAC Address:	00:a6:66	:11:11:18	
Network Parameters	Device Type:	DS-2DF1	1-515	
V Network Setting	Device SN.:	DS-2DF1	1-5150020111123BCWR02	
DDNS Setting	Firmware Version:	V3.1.0 1	120110	
₩ NTP Setting	Current Server Ti	me: 2012-01-	16 03:34:22	Sync to PC Time
₩ ₩ E-mail Setting				
FTP Setting		Save		
🖬 💼 Alarm Parameters				
Deployment Time				
···· 📄 Default				

## Pic3 Basic Information



## 4. DATE FORMAT ISSUE

#### Path:

Configuration->Display setting->Date format

## **Modification Description:**

1) Add 3 kinds of date format For this version there're 6 kinds of date format: YYYY-MM-DD MM-DD-YYYY DD-MM-YYYY YYYY/MM/DD MM/DD/YYYY DD/MM/YYYY

2) Default date format is DD/MM/YYYY.

#### Display setting menu is shown below.

IP Camera	3	
Preview Playb	ack Log	Configuration
<ul> <li>Parameters configuration</li> <li>Local configuration</li> <li>Remote configuration</li> <li>DST setting</li> <li>Channel parameters</li> <li>Y Display setting</li> <li>Y Video setting</li> <li>Y Schedule record</li> <li>Y Motion detection</li> <li>Y Text Overlay</li> <li>Y Front Para Config</li> <li>Serial setting</li> <li>Alarm parameters</li> <li>Deployment time</li> <li>User management</li> <li>KBD management</li> <li>Befault</li> <li>Reboot device</li> </ul>	Display setting Date&Time: Week: Date format: Time format: OSD Status:	<ul> <li>☑</li> <li>☑</li></ul>

Pic4 Display Setting



# 5. DHCP FUNCTION ISSUE

## Path:

Configuration->Remote configuration->Network settings

## **Modification Description:**

Self-adaptive DHCP function:

1. DHCP is disable as default.

2. The former fixed IP address could be work if DHCP is enabled without any DHCP service in LAN.

3. The dynamic IP will not be changed after device reboot.

DHCP is still working with former fixed IP, if there isn't any DHCP service in LAN:

C ( ) ( http://192.168.1.99/doc/en/d	config.asp	10.	P + B ¢ ×	Parameters Configuration	×
IP Camera	_				
Preview Playback	Log	Configuration			
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>Channel Parameters</li> <li>Network Parameters</li> <li>Network Setting</li> <li>PPPOE Setting</li> <li>DDNS Setting</li> <li>Time Setting</li> <li>WFS Setting</li> <li>Alarm Parameters</li> <li>Motion</li> </ul>	Network Setting Enable DHCP IP Address: Subnet Mask: Gateway: DHS Server: HTTP Fort: HTTP Fort: HIC Type: Multicast Address:	192.168.1.99 255.255.255.0 192.168.1.1 0.0.0.0 80 10M/100M Auto 0.0.0.0			
Deployment Time User Management HDD Management Exemptedy Upgrade Default		Save			

Pic5 DHCP Setting



# 6. PPPOE FUNCTION

#### Path:

Configuration->Remote Configuration->Network Parameters->PPPOE Setting

#### **Modification Reason:**

For former version if you use PPPOE to get online, you have to use SADP to find out what IP the camera get.

#### **Modification Description:**

Add "Dynamic IP Address" to show current IP after camera gets online with PPPOE

HIKVISION <sup>®</sup> IP Camera			
Preview Playb	ack Log Conf	figuration	
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>Basic Information</li> <li>Channel Parameters</li> <li>Network Parameters</li> <li>Network Setting</li> <li>PPPOE Setting</li> <li>Time Setting</li> <li>E-mail Setting</li> <li>Motion</li> <li>Deployment Time</li> <li>User Management</li> <li>HDD Management</li> <li>Remotely Upgrade</li> <li>Default</li> <li>Reboot Device</li> </ul>	PPPOE Setting C Enable PPPOE PPOE User Name: PPPOE Password: Password Confirm: Dynamic IP Address:	0.0.0.0 Save	

PPPOE menu is shown below.

Pic6 PPPOE Setting

# 7. LENGTH OF UPLOAD FILE DIRECTORY ISSUE

## **Modification Description:**

Make length of upload file directory to be max 200 characters.

The remotely upgrade menu is shown below.



Pic7 Remotely Upgrade



## 8. FTP FUNCTION

## Path:

Configuration->Remote Configuration->Network Parameters->FTP Setting

## **Modification Description:**

1) Add Image Upload FTP function

FTP function menu	i is shown	below.
-------------------	------------	--------

IP Camera	7		
Preview Playba	ick Log	Configuration	
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>Basic Information</li> <li>DST Setting</li> <li>Channel Parameters</li> <li>Network Parameters</li> <li>Network Setting</li> <li>PPPOE Setting</li> <li>NTP Setting</li> <li>NTP Setting</li> <li>NFS setting</li> <li>E-mail Setting</li> <li>FTF Setting</li> <li>Alarm Parameters</li> <li>Motion</li> <li>Deployment Time</li> <li>Vser Management</li> <li>HDD Management</li> <li>Remotely Upgrade</li> <li>Default</li> <li>Reboot Device</li> </ul>	FTP setting C Enable FTP FTP Server: FTP Port: User Name: Password: Enable Timing Up FTP Upload Inter	192.168.1.132 21 admin •••••• 10ad: ✓ val: 30s Save	

Pic8 FTP menu

 There are two upload modes Timing Upload: If you enable Timing Upload, you could choose "FTP Upload Interval" from 1s to 10 minutes. Then it will upload images to the FTP periodically.

Timing Upload menu is shown below.



IP Camera	3		
Preview Playb	ack Log	Configuration	
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>DST Setting</li> <li>Channel Parameters</li> <li>Network Parameters</li> <li>Network Parameters</li> <li>NET Setting</li> <li>PFPOE Setting</li> <li>NTP Setting</li> <li>NTS setting</li> <li>FTF Setting</li> <li>Alarm Parameters</li> <li>Motion</li> <li>Deployment Time</li> <li>Vser Management</li> <li>Remotely Upgrade</li> <li>Default</li> <li>Reboot Device</li> </ul>	FTP setting Inable FTP FTP Server: FTP Port: User Name: Password: Enable Timing UpJ FTP Upload Interv	192.168.1.132 21 admin •••••• val: 30s Save	

**Pic9 Timing Upload** 

Event Upload: Add linkage of "Upload FTP" to the linkage of "Motion Detection" and "Alarm Input". You could also choose to upload images when there's event.

Linkages of Motion Detection and Alarm Input are shown below.

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IP Camera	
Preview Playba	ck Log Configuration
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>Basic Information</li> <li>DST Setting</li> <li>Channel Parameters</li> <li>Y Display Setting</li> <li>Y Video Setting</li> </ul>	Motion Detection V Enable Motion Detection Zone Settings Linkage Email Link Trigger Alarm Output AlarmOutPut1 AlarmOutPut2 Trigger Recording Al
<ul> <li>Y Schedule Record</li> <li>Y Motion Detection</li> <li>Y Video Tampering</li> <li>Y Text Overlay</li> <li>Y Camera Settings</li> <li>Y Reset Image</li> <li>Y Restore Image</li> <li>Network Parameters</li> <li>Y Network Setting</li> <li>Y PFOE Setting</li> </ul>	Upload FTF
DDNS Setting WTP Setting WTS setting WFS setting WFTP Setting Alarm Parameters	

## Pic10 Linkage of Motion Detection

IP Camera	
Preview Playba	k Log Configuration
A Parameters Configuration	Alarm Input Setting Alarm Input: A->1
<ul> <li>Memote Configuration</li> <li>Basic Information</li> <li>DST Setting</li> </ul>	Relay Status: NO 🔻
🖬 👝 Channel Tarameters 🖬 💼 Network Parameters	Alarm Linkage PTZ Linkage
Alarm Parameters           Harm Parameters           Harm Input           Harm Input	Email Link:
■ Alaim Output ■ ➡ Motion ➡ Deployment Time ➡ Urer Management	Trigger Alarm Output: 🗖 AlarmOutPut1 🗖 AlarmOutPut2 Upload FTP:
	Copy Alarm Input To: Check AIL A->1 A->2
Чт 💼 Reboot Device	Save

## Pic11 Linkage of Alarm Input

3) Naming rule of folder and image uploaded to FTP



1. It will create a root folder whose name is IP of the Device.

The root folder is shown below.

Name	Size	Туре	Date modified	Date created	
192.168.1.99		File folder	2012-01-16 22:02	2012-01-16 22:02	
Pic12 Root Folder					

2. It will create two folder. The periodically uploaded images are in the folder whose name is Upload Date\_PERIOD. The event uploaded images are in the folder whose name is Upload Date\_EVENT.

The "Periodically" and "Event" folders are shown below.						
Name	Size	Туре	Date modified			
30120116_EVENT		File folder	2012-01-16 22:03			
]] 20120116_PERIOD		File folder	2012-01-16 22:05			

Pic13 "Periodically" and "Event" folders

3. Periodically uploaded images are named with DeviceIP\_Upload Time\_P.jpg. Event uploaded images are named with DeviceIP\_Upload Time\_E.jpg

Event uploaded images are shown below.

net	et ▶ ftp.hikvision.com ▶ 192.168.1.99 ▶ 20120116_EVENT						
	Name	Size	Туре	Date modified			
	E 192.168.1.99_20120116070255_E.jpg	13 KB	JPEG image	2012-01-16 22:02			
	E 192.168.1.99_20120116070256_E.jpg	10 KB	JPEG image	2012-01-16 22:02			
	돝 192.168.1.99_20120116070257_E.jpg	11 KB	JPEG image	2012-01-16 22:02			
	🔄 192.168.1.99_20120116070258_E.jpg	11 KB	JPEG image	2012-01-16 22:02			
	🔄 192.168.1.99_20120116070259_E.jpg	11 KB	JPEG image	2012-01-16 22:02			
	돝 192.168.1.99_20120116070300_E.jpg	11 KB	JPEG image	2012-01-16 22:03			
	돝 192.168.1.99_20120116070301_E.jpg	11 KB	JPEG image	2012-01-16 22:03			
	🔄 192.168.1.99_20120116070302_E.jpg	11 KB	JPEG image	2012-01-16 22:03			
	돝 192.168.1.99_20120116070303_E.jpg	11 KB	JPEG image	2012-01-16 22:03			

Pic14 uploaded images of Event

# 9. SENSITIVITY OF MOTION DETECTION ISSUE

## Modification Reason:

For former version it is more sensitive to motion.

## **Modification Description:**

Redefine each sensitivity level.

For this version level 1-3 are suitable to outdoor situation, and level 4-6 are suitable to indoor situation.

## 10. EMAIL FUNCTION

#### Path:

Configuration->Remote Configuration->Network Parameters->E-mail Setting

## **Modification Description:**

 If you enable "Attachment", it will send email with 3 captures: 1 captures before the event, 1 capture when the event and 1 captures after the event. You could set interval between captures with "Send Interval". The range is from 1s to 3s.

The email is shown below.

```
This is an automatically generated e-mail from your IPDome.
```

EVENT TYPE: Motion Detected EVENT TIME: 2011-12-26,15:09:53 IPDome NAME: Net IPDOME IPDome S/N: DS-2DF1-5150020111123BCWR020111126WCU CAMERA NAME: IPCamera 01 CAMERA NUMBER: 1



Pic15 Email

- 2) Add "Enable SSL"
- 3) This version support email address including "-"
- 4) There are max 3 receiver.

The Email setting menu is shown below.

IP Camera	а		
Preview Playb	ack Log Con	figuration	
🚱 Parameters Configuration			
	SMTP Server:	smpt.sina.com	
Remote Configuration	SMTP Port:	25	
DST Setting	Server Authentication:		
Network Parameters	User Name:	mensonq	
PPPOR Setting	Password:	•••••	
DDNS Setting	Attachment:	<b>7</b>	
* NTP Setting	Send Interval:	3s	-
THE AFS setting	Enable SSL:	-	
₩ FTP Setting	E-mail Sender:	qimx@hikvision.com	
Alarm Parameters	Choose Receiver:	Receiver2	-
Alarm Output	E-mail Receiver:	Receiver1 Receiver2	
motion     The Transferred Transferred		Receiver3	
		Save	

## Pic16 Email Menu

# 11. VIDEO PRIVACY MASKS ISSUE

## Path:

Configuration->Remote Configuration-> Motion -> Privacy Masks

## **Modification Description:**

- 1. The maximum of privacy mask could be max 24.
- 2. The type of them including mosaic and color.



Pic17 Privacy Mask menu

3. The shape could be both trapezoid, by dragging any of the endpoint in green.



## Test Report of Euro Version



Pic18 trapezoid



# 12. DST SETTING ISSUE

#### Path:

Configuration->Remote configuration->DST setting

#### **Modification Description:**

Add DST function. The time of IP Camera will be automatically adjusted 1 hour ahead at "Start Time".

DST Setting menu is shown below

IP Camera			
Preview Playback	Log	Configuration	
<ul> <li>Parameters configuration</li> <li>Local configuration</li> <li>Remote configuration</li> <li>Basic information</li> <li>DST settine</li> <li>Channel parameters</li> <li>Y Display setting</li> <li>Y Video setting</li> <li>Y Schedule record</li> <li>Y Motion detection</li> <li>Y Text Overlay</li> <li>Y Front Para Config</li> <li>Network parameters</li> <li>Serial setting</li> <li>Alarm parameters</li> <li>Deployment time</li> <li>User management</li> <li>HDD management</li> <li>Default</li> <li>Reboot device</li> </ul>	DST setting Enable DST From: To:	Jun v 1st v Sun v 02 v : 00 Aug v 1st v Sun v 02 v : 00 Save	

Pic17 DST Setting

#### Note:

The Start Month should be less than the Stop Month



## 13. DWELL TIME OF PRESET IN PARTOL ISSUE

## Path:

Configuration->Remote configuration->Motion->Patrols

## **Modification Description:**

The dwell time of each preset in patrol could be max 120 seconds.

The setting of preset in patrol menu is shown as below

IP Camera			
Preview Playback	Log Configuration		
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Basic Information</li> <li>DST Setting</li> <li>Channel Parameters</li> <li>Alarm Parameters</li> <li>Motion</li> <li>Y PTZ Channel</li> <li>Y Park Action</li> <li>Y Presets</li> <li>Y PTZ Limited</li> <li>Y Pattents</li> <li>Y Patterns</li> <li>Y Time Task</li> <li>Y Clear</li> <li>Deployment Time</li> <li>User Management</li> <li>HDD Management</li> <li>Remotely Upgrade</li> <li>Default</li> <li>Reboot Device</li> </ul>	Patrols	107 Preset ID: Preset 01 Speed: Save Back	Zoom Focus Focus Firis

Pic18 Preset of Patrol



## 14. ZOOM LIMIT ISSUE

## Path:

Configuration->Remote configuration->Camera Settings->Advanced Configuration

## **Modification Description:**

The max level of zoom operation can be limited from 2 to 23 times.

The list of zoom limit is shown as below

HIKVISION IP Camera				
Preview Playback	Log Configuration		_	2 3 4
<ul> <li>Parameters Configuration</li> <li>Local Configuration</li> <li>Remote Configuration</li> <li>Basic Information</li> <li>DST Setting</li> <li>Channel Parameters</li> <li>Visplay Setting</li> <li>Video Setting</li> <li>Schedule Record</li> <li>Motion Detection</li> </ul>	Camera Basic Parameters Configuration	7:39:35	Camera Settings . Bright Contrast Saturation Mue Sharpness Ircut Filter Type	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Y Text Overlay     Y Camera Settings     Y Gamera Settings     Y Reset Image     Y Restore Image     Network Parameters		9	Ircut Filter Level Focus Style Exposure Shutter Iris	20 21 22 <b>23</b> 46 92 184 368
Motion Y PTZ Channel Y Park Action Y Home Position Y Presets Y PTZ Limited			Zoom Limit Noise Reduce BLC Initialize Lens White Balance	23  Auto
- ¥ Patrols - ¥ Patterns				**Back

Pic18 list of zoom limit



## 15. SUB STREAM DISPLAY ISSUE

#### Path:

Configuration->Remote configuration->Channel Parameters->Video Settings

## **Modification Description:**

The parameters of the sub stream display directly at the right side of main stream. The parameter setting of sub stream is shown as below.

IP Camera	7				
Preview Playbe	ack Log	Configuration		Current	Vser:admin
Preview Playbe V Parameters Configuration Local Configuration Basic Information DST Setting Channel Parameters V Display Satting V Video Tampering V Schedule Record V Notion Detection V Video Tampering V Genera Settings V Genera Settings V Reset Image V Reset Image V Reset Image Resource Image Resour	nck Log Video Setting Channel Name: Encode Parameters Stream Type: Resolution: Image Quality: Bitrate Type: Max Bitrate: Frame Rate: I Frame Rate: I Frame Interval: RISF Port: Video Encode Type	Configuration IPdome IPdome Main stream Video&Audio 704*576 High Variable BitRate 2048Kbps 25 25 25 25 554 H.264	 Channel Name: Encode Parameters: Stream Type: Resolution: Image Quality: Bitrate Type: Max Bitrate; Frame Rate; I Frame Interval; Video Encode Type;	Current IPDome sub channel Sub stream Video&Audio  352*288  High Variable BitRate 2048Kbps 25 25 H.264	Vser: edmin
<ul> <li>User Management</li> <li>HDD Management</li> <li>Remotely Upgrade</li> <li>Default</li> <li>Reboot Device</li> </ul>		Save			

Pic19 Parameter setting of sub stream