

# AirForce

## H.264 HD AiP



AiP

Full HD IP

AirForce

H.264 JPEG

AiP

Full HD IP

AirForce

2, 3 5  
DSP-  
(BLC), ePTZ,  
a

IP-

3D,  
(ROI),

SD,

JPEG

FTP.

AiP

Full HD IP

AirForce

: 2-

H.264,

DSP,

PoE.

AIM Software HD 2.6 (

) IP-

Full HD

IP.

- AiP
- Full HD
- H.264 JPEG
- 30
- 4
- « »
- " " (IVA)
- IVA-
- FTP
- 3 D DNR, WDR, BLC, ePTZ, ROI,
- , iPad iPhone
- DNS (DDNS)
- Network time (NTP)
- PCM/G.711
- ONVIF
- AIM Software HD 2.6 ( )

Microsoft, Windows 2000, Windows XP, Windows Vista, Windows 7, ActiveX  
Internet Explorer

Microsoft / .

Java Java

Sun

Microsystems, Inc. .

Flash, Macromedia Macromedia Flash Player

Adobe

Systems Incorporated / .

Linux DynDNS

Intel, Pentium Intel® Core™ 2 Duo  
Intel Corporation.

FFmpeg project. Fabrice Bellard, FFmpeg

QuickTime QuickTime  
Apple Computer, Inc.,

eMobile

AI ActiveX

AI HTTP API

non-ONVIF,  
HTTP API

AI HTTP API.  
Full HD IP.

- 
- 
- 
- 
- 
- 
- 
- 

10 c



|       |                   |    |
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# 1

## 1-1

AiP

Full HD H.264

## 1-2

ActiveX.

H.264 FULL HD

AiP

JPEG

Internet Explorer,

AI

ActiveX.

"

,

"



## 2

## AiP

RJ-45 , AiP , AiP ,  
IP- , IP- , IP-  
AiP 192.168.0.200. AiP  
IP-  
ip  
IpScan.

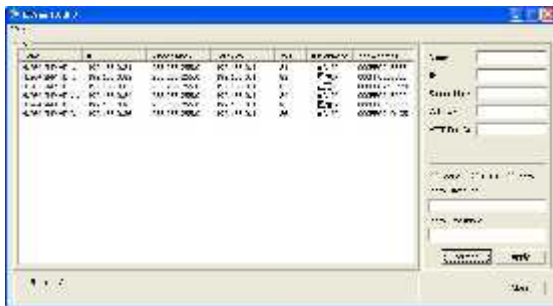
### 2-1

### IP-

### IPScan

IP- IPScan , IPScan  
IPScan -  
IPScan - /  
IP- , , HTTP- ,

- IPScan .
- 
- 
- « » « » IP- ,  
HTTP
- 
-



IPScan 1.0.0.31

## 2-2 IP HTML

- IP- ( , 192.168.0.200) HTML-
- IP- H.264 FULL HD. AiP
- " " -"admin" "pass".
- " -> "
- IP- , , HTTP
- « ».

## 2-3

ActiveX , Internet Explorer-> -> ActiveX ->



AiP

AiP ( Internet Explorer )

IP-

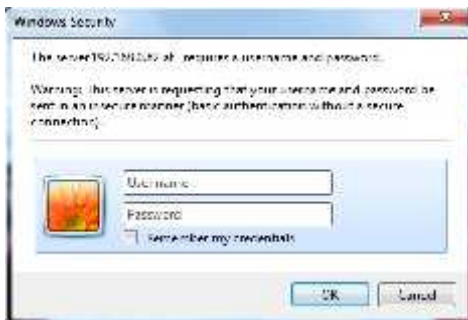
H.264 FULL HD

OK,

ActiveX

AiP

AiP



|  |       |  |
|--|-------|--|
|  |       |  |
|  | admin |  |
|  | pass  |  |

AiP

### 3

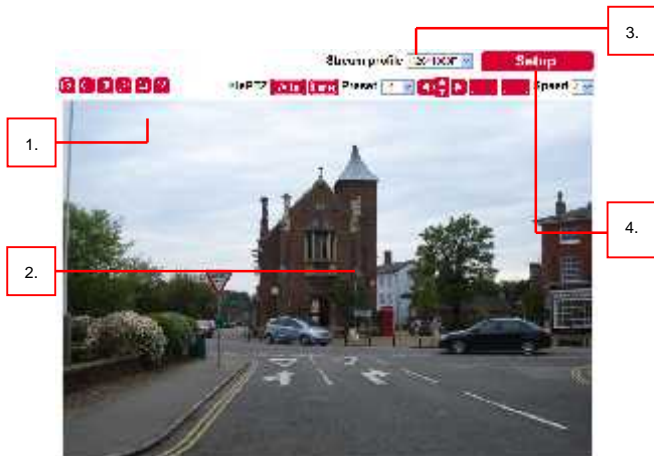
### AiP

AiP

#### 3-1 HTML

AiP

HTML



|    |          |                     |
|----|----------|---------------------|
| 1. | AiP      | -                   |
| 2. | ActiveX- | RTSP H.264<br>JPEG. |
| 3. | -        | -                   |
| 4. | -        | AiP                 |

#### 3-2 AiP

AiP

, ePTZ «ROI» ( ).

### 3-2-1 ePTZ

AiP  
ePTZ.

ePTZ,



ePTZ ( ePTZ , Ai ActiveX control  
ActiveX ePTZ , ActiveX control )



Ai Universal ActiveX



ePan eTilt.

PIP.

ePTZ.

3-2-2 « » (ROI)

D1

ROI.

1080P.

: 1920 \* 1080





: 720 \* 480



3-2-3

|  |          |
|--|----------|
|  | :        |
|  | : ( ).   |
|  | : ( ).   |
|  |          |
|  | ( ).     |
|  | ePTZ ROI |
|  | ePTZ ROI |



|   |              |
|---|--------------|
| Presets /   | ePTZ    ROI  |
|  | ,            |
|  | ePTZ    ROI. |
| Speed /   | PTZ          |

### 3-2-4



### 3-2-5

ActiveX.

ePTZ    ROI



AVI-

Player.



Windows Media

3-3

AiP

HTML.

3-3-1

AIP-

H.264 FULL HD

MAC,



AI -

H.264 FULL HD

IPScan

AIP-

H.264 FULL HD.

IP-

H.264 FULL HD

Submit ( ).

## ActiveX

ActiveX

3-3-2

User ( / , , )  
IP- H.264 FULL HD  
Logon ON ( ).

Add/Edit

Bypass



Account ( , , ).

New Password ( , ).

Submit ( , ).

"Remove User" ( , ).



Administrator ( ): \_\_\_\_\_

Panel Control ( ): \_\_\_\_\_

ePTZ: \_\_\_\_\_ ePTZ: \_\_\_\_\_

Streaming ( ): \_\_\_\_\_

3-3-3

AIP-

H.264 FULL HD

HTML.

AIP-

H.264 FULL HD,

Submit ( ),



NTP

Auto Synchronize ( ) "Every Hour" ( ).  
AIP- H.264 FULL HD



### 3-3-4

Load Default ( )  
AIP /

IP-

AIP- H.264 FULL HD, Reboot  
System ( ).



Submit ( ),  
Browse ( "flasham.bin" ).

AIP- H.264 FULL HD



### 3-4

H.264 FULL HD AiP  
IP, DHCP DDNS.

### 3-4-1

AIP- H.264 FULL HD IP- AIP-  
H.264 FULL HD 192.168.0.200.  
IP-  
AIP- H.264 FULL HD, IP-  
IP. Submit ( )



IP- ( ),  
 IP-  
**Default DNS IP Address** (IP- DNS )  
 , IP-  
**Second DNS IP Address** ( IP- DNS)  
 , IP- DNS  
 DNS  
**PPPoE Account** ( PPPoE)  
 PPPoE  
**PPPoE Password** ( PPPoE) PPPoE

### 3-4-2 DHCP

DHCP-  
 IP- AIP- H.264 FULL HD.  
 DHCP IP- AIP- H.264 FULL HD  
 IPScan AIP- H.264 FULL HD.  
 DHCP, DHCP,  
 Submit ( ).

: DHCP , IP- AIP-  
 DHCP.



### 3-4-3 HTTP & RTSP

HTTP-

HTTP

“Submit” ( ).



3-4-4

SMTP



- E-mail. E-mail
- -mail. E-mail
- Email
- JPEG-
- SMTP SMTP SMTP
- SMTP
- SMTP,
- "Send" ( ), SMTP.

### 3-4-5 FTP

FTP

FTP.



- FTP server IP/DNS (FTP- IP/DNS) IP-
- Account ( ) FTP-
- Password ( )
- Directory ( ) JPEG-
- Prefix ( ) JPEG-
- Date format ( ) JPEG-
- Postfix ( ) JPEG-
- Auto FTP sent ( FTP)
- FTP sent time ( FTP)

### 3-4-6 DDNS

DNS

IP-  
(IP). DNS-  
DynDNS (DDNS)



: DDNS - .

MAC-

pass,

AIP-

IP-

AIP-

www.ddnsipcam.com

"24094f.ddnsipcam.com"

"24094f"

"pass"

AIP-

AIP-

3-5

H.264 FULL HD:

3-5-1

H.264 FULL HD

H.264 FULL HD



- Profiles ( ):
  - Profile Name ( ):
  - Compression ( ):
  - Resolution ( ):
  - VBR/CBR: VBR: /
- Bit Rate ( ):
- Output Frame Rate ( ):
- GOP: I
- Video Output ( ): NTSC/PAL
- Power line frequency ( ):
  - 60 /50

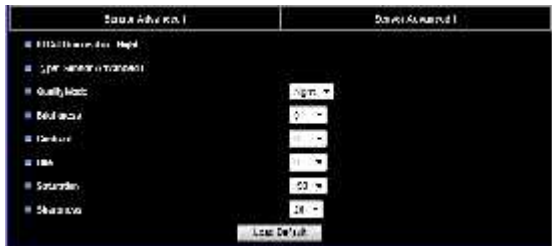
### 3-5-2

, 30 FPS.



### 3-5-3

( ), contrast ( ), hue ( ), saturation ( brightness )  
 sharpness ( ) . IP-



Sense Up.

- Exposure Value ( ):

- WDR:
- Black-light Compensation ( )::
- Shutter limited ( ):
- White Balance Control ( ):
- Mirror ( ):
- Flip ( ):

Sense-Up Plus ( )

- AGC (Sense-Up Plus):
- AGC -

Sense-Up.

Sense-Up

- 3D:

- Sense-Up:

CMOS

No Sense-Up

3 Frame Sense-Up



3-5-4

(MoonLight)

(MoonLight)

(MoonLight)

(AGC).  
(3D DNR)

. AGC 3D DNR

(MoonLight).

3-5-5  
IP-



3-5-6

(ROI)

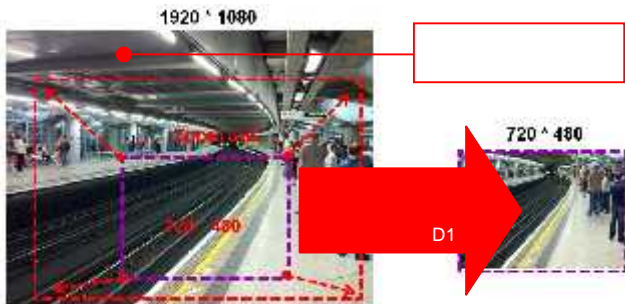
(ROI)

(D1)

CIF)

(1080P)





ROI), ROI, Zoom Out In ( "Enable ROI" )





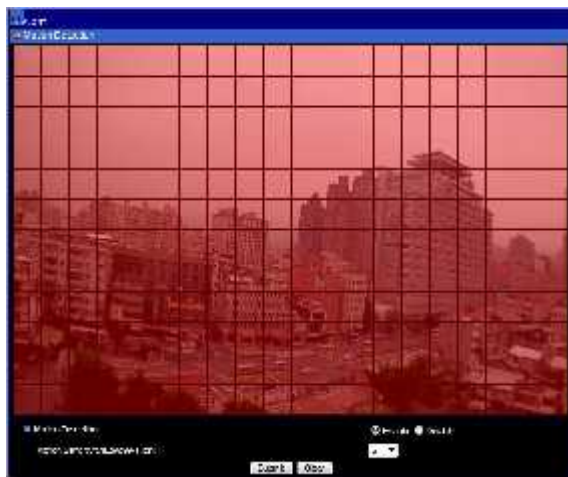


- SD Recording ( ): SD.
  - Alarm/Motion/Triggering( / / ): SD-
  - Recording Time ( ): SD-
  - Continuous ( ): SD-
  - No Network Activity ( ): SD-
  - Recording Format ( ): SD
  - SD System Status ( ): SD  
Linux.
  - SD Card State ( ): SD
  - SD Card Capacity ( ): SD
  - SD Card Free Space ( ): SD-
- ( SD- , , "un-mount SD Card"  
( ). SD
- SD-





3-8-3



3-8-4

4  
1/20

e-Mail /

FTP.

1/20

1/10



### 3-8-5

AIP-



### 3-8-6

AIP-

: (1) , (2)  
(3) Enable ( ).



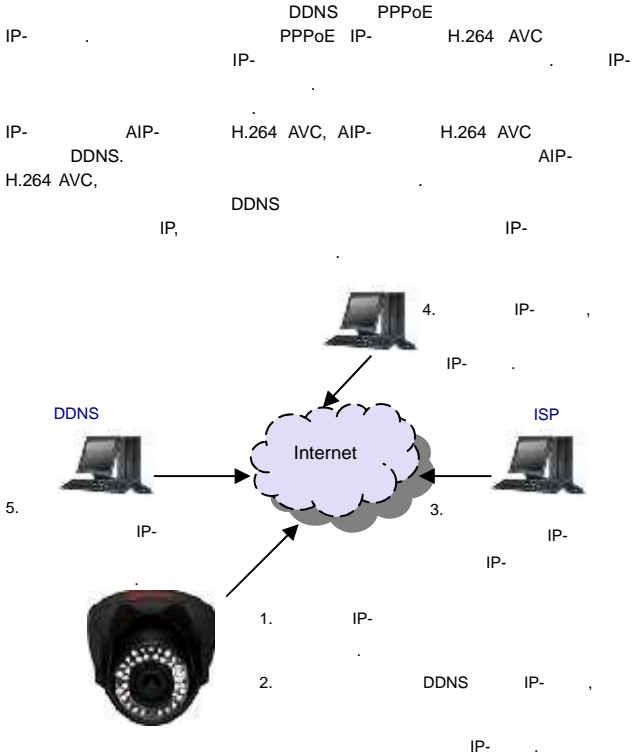
### 3-9

- MIC Volume ( ): \_\_\_\_\_
- Audio Input Mode ( ): \_\_\_\_\_
- Audio Input Gain ( ): \_\_\_\_\_
- Audio Output Volume ( ): \_\_\_\_\_
- Audio Coding Type ( ): G.711 u-Law
- Sample Rate ( ): \_\_\_\_\_
- Bit Rate ( ): \_\_\_\_\_

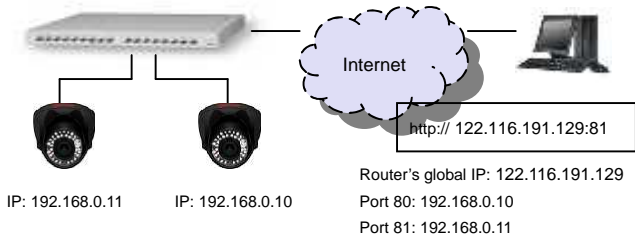




## DDNS PPPoE



IP- . 80- (61.220.86.166)  
 IP- , 192.168.0.10. 81  
 IP- 192.168.0.11.  
 81 (61.220.86.166:81),  
 192.168.0.11.



**iPhone**

AiP iPhone  
 Live Cams Pro (Eggman Technologies Inc.).  
 AppStore  
 Eggman Technologies Inc.

Live Cams



Pro Camera" Live Cams Pro. « » / "Add ip , , ,



## Android

Android  
IP Cam Viewer/IP Cam Viewer Lite

Android Market  
Robert

Chou.

«Setup» IP Cam Viewer/IP Cam Viewer Lite.  
IP Cam Viewer/IP Cam Viewer Lite



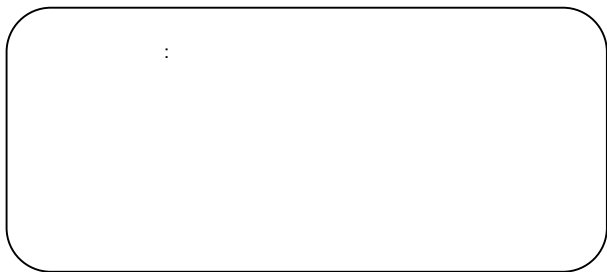
- « »
- « ».
- “ / AiP ” -
- AiP
- “ / AiP ”
- :
1. : AiP DVR
  2. : , AI.
  3. : , AI D1/ AI HD/AI DVR.
  4. IP : IP- , <http://122.116.191.129:86>
- 86-
5. : AiP
- “admin” “pass”. DVR,
- “admin” “1111”.

AiP

1. Hold Load Default ( )  
Reset Cable ( ) 10
2. 40
- 3.
4. IPScan IP-
5. IP-
6. " admin", "pass" IP.

|           |      | <b>SDHC/SDSC</b> |
|-----------|------|------------------|
| Sandisk   | 16GB | SDHC             |
| Sandisk   | 8GB  | SDHC             |
| Transcend | 8GB  | SDHC             |
| Transcend | 4GB  | SDHC             |





AirForce

AiP