IP Outdoor Rugged Dome

Ver. 070307

Quick Installation Guide



1.1 PACKAGE CONTENTS

IP Outdoor Rugged Dome (DC12V / PoE / AC24V)

Power Adaptor (Option)



Product CD



Terminal Blocks for Power, DI/O & Audio



Accessory



1.2 PHYSICAL DESCRIPTION











1. <u>LAN</u>

The IP Camera connects to the LAN (local area network) via a standard RJ45 connector. Supporting NWAY, this IP outdoor rugged dome can auto detect the speed of local network segment (10Base-T/100Base-TX Ethernet).

2. <u>WAN</u>

The IP Camera connects to the WAN (wide area network) via a standard RJ45 connector. Supporting NWAY, this IP outdoor rugged dome can auto detect the speed of local network segment (10Base-T/100Base-TX Ethernet).

3. <u>Power Input</u>

If your power input is DC12V. Please follow the description on the connector to connect to power.

12V GND

PIN	NAME	DESCRIPTION
1	12V	DC Power Input
2	GND	Ground Pin

If your power input is AC24V. Please follow the description on the connector to connect to power.

PIN	NAME	DESCRIPTION
1	Ν	AC Power Input
2	L	AC I Ower Input
3	GND	E-Ground of power

4. <u>Analog Video Output</u>

The IP outdoor rugged dome supports one channel analog video output.

5. <u>DI/O</u>



PIN	NAME	DESCRIPTION
1	A_Out	Audio Output
2	GND	Ground Pin
3	A_In	Audio Input
4	GND	Ground Pin
5	DO	Digital Output
6	GND	Ground Pin
7	DI	Digital Input

DI: To Trigger Logic Level 0: 0~0.4V; Normal Logic Level 1: 3.3~30V

DO: To Trigger Logic Level 0: 0.1~0.6V; Normal Logic Level1: 2.4~5V

6. <u>Conduit Hole</u>

These conduit holes are used for cables to go through.

7. Zoom Lever

Move this lever to adjust the optical zoom. After adjusting, rotate it clockwise to fix it.

8. <u>Focus Lever</u>

Move this lever to adjust the Focus. After adjusting, rotate it clockwise to fix it.

9. Video DC level Adjustment

Rotate it adjust the overall lighting for this camera.

10. CCD Functions DIP-switch

Item	Description	ON	OFF
AES	Auto Electric Shutter		Default
BLC	Backlight Compensation		Default
AGC	Auto Gain Control	Default	
F.L.	Flickerless		Default

11. <u>Reset Button</u>

Step 1: Switch off IP device by disconnecting the power cableStep 2: Press and continue to hold the Reset Button. Reconnectthe power cable while continuing to hold the reset button.Step 3: Keep holding the reset button depressed around 6 seconds,release the reset button. The unit will start up with factory defaultsettings.

1.3 INSTALLATION PROCEDURE

There are three types of installation of this IP outdoor rugged dome series.

	Surface mount	Flush mount	Wall mount
Pictures	-		
Optional Bracket required		•	•

The mounting procedure can be divided into two parts,

- 1st: Connect the IP outdoor rugged dome series
- 2nd: Mount the IP outdoor rugged dome series

1.3.1 Connect the IP Outdoor Rugged Dome

1.3.1.1 Remove the cover

Remove the dome cover with special hex wrench in the accessory bag.



1.3.1.2 Insert the cable

There are two conduit holes, one is at the dome bottom and the other one is at the side of rugged dome with plug. Remove the plug if your cable will go through the one at the side of rugged dome



1.3.1.3 Connect cables to connectors

Please follow the instruction at Chapter 2: Physical Description, for how to connect to each connector.



1.3.1.4 LED Description

There are three LEDs in the system. They are indicators for power, fan and heater respectively. According to operating temperature, the different LED will be lighted for different situation.





NOTE: Temperatures indicate here is spec for internal IC temperature, not for operating temperature.



1.4 Mount the IP Outdoor Fixed Dome (Surface)

1.5 Mount the IP Outdoor Fixed Dome (Flush)



1.6 Mount the IP Indoor Fixed Dome (Wall)



2 Quick Tour

This section guides you with a quick tour on IP outdoor rugged dome.

2.1 Configure the IP Outdoor Rugged Dome

2.1.1 Make sure network environment

Default IP of IP outdoor rugged dome is 192.168.0.100. Please make sure IP outdoor rugged dome and your PC are on the same network segment before running the installation.

Internet Protocol (TCP/IP) Prop	erties	? ×	
General			
You can get IP settings assigned a this capability. Otherwise, you nee the appropriate IP settings.	utomatically if your network supports d to ask your network administrator fo		Please set the settings as below.
C Obtain an IP address automa	atically		IP address: 192.168. 0.xxx
· Use the following IP address			Subnet mask: 255.255.255.0
IP address:	192 . 168 . 0 . 101		(NOTE: yyy should be a number
Subnet mask:	255 . 255 . 255 . 0		
Default gateway:	4 4 4		from 1 to 254, but 100 is excepted.)
C Obtain DNS server address a	automatically.		
- Use the following DNS serve	r addresses		
Preferred DNS server:	4 4 4		
Alternate DNS server			
	Advanced		
	OK Car	ncel	

2.1.2 Open Internal Explorer with I	auuress
🗿 Web Configurator - Video Manager : Version White-box SD v2.0 - Microsoft Ir	nternet Explorer
檔案 医编辑 医 檢視 (7) 我的最愛 (4) 工具 (1) 說明 (11)	an 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19
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網址① http://192.168.0.100	▶ 移至 連結 ※ ⑤ SnagIt 営
13	~
Camera-1	
ංං Login	
Account	
Password	
Language English	✓
Login	Reset
Convergebt/@2002.2005	
Copyinght@2003-2003	
2 元以	愛 網際網路

2.1.2 Open Internal Explorer with IP address



NOTE: If your web browser is earlier than IE6, then download IE6 is recommended.

NOTE: The IP outdoor rugged dome default IP address is set to 192.168.0.100

2.1.3 Login with default administrator's account & password

	-
Camera-1	<u></u>
°∽° Login	
Account Admin	
Password •••••• Language English	
Login Reset	
Copyright@2003-2004	



2.1.4 **Preview the video**

1,

	Camera-1	
>> Video Display		
>> Host Setting		
>> WAN Setting		
>> Date Setting		
>> Video Setting		
>> Event Setting		
>> Video Adjust		
>> User Account		
>> System Info		
>> Firmware		
>> Factory Default		
>> Save Reboot		
>> Logout		

NOTE: In your Client PC, please makre sure the setting of Network Connections Type is set to Auto Negotation, since IP outdoor rugged dome follows MII standard. Otherwise, you might not see the live image.



	Camera-1
> Video Display	000 Host Setting
>> Host Setting	Host Name
> WAN Setting	Language English
> Date Setting	
> Video Setting	[Appy] [Reset]
Event Setting	MARCHINA STOLENS
>> Video Adjust	000 LAN Setting*
> User Account	IP Address 192 , 168 . 0 , 100
 System lafo 	Subnet Mask 255 , 255 , 255 , 0
> Firmware	_0 _0
> Factory Default	Apply Reset
Save Reboot	
> Logout	○>○ Network Link Speed & Duplex
	LAN Port Auto Detect
	WAN Port Auto Detect
	Apply Reset
	ToS(Type of Service)
	ToS(Type of Service) Disabled
	ToS Priority Normal-Service

2.1.5 Set the new IP address

*Host Name : Enter in the domain name.

*Language : Language setting for Web Configurator after Save Reboot. Default setting is English.

*IP Address : The IP address of the LAN interface. The default IP address is 192.168.0.100.

*Subnet Mask : The subnet mask of the LAN interface. The default subnet mask is 255.255.255.0

*Click Apply button

	NOTE: Check with your MIS department, if Client PC and IP outdoor rugged dome are setting in different VLANs, please connect to WAN port.
	NOTE: In your Client PC, please make sure the setting of Network Connections Type is set to Auto Negotation, since IP outdoor rugged dome follows MII standard. Otherwise, you might not see the live image.
8	IMPORTANT: After the IP address is changed, please record this IP address. There's no way to connect to the IP outdoor rugged dome if user forgets the new IP address.

2.1.6 Check Default Video Setting

	Camera-1	1
>> Video Display	Streaming Type	
>> Host Setting	Streaming Type Version V2.0	
>> WAN Setting >> Date Setting	Setting Reset	

The streaming type [Version 1.0] – without audio function The streaming type [Version 2.0] – with audio function

		4
		1
	Camera-1	
Video Display	℃ Version V2.0 - Video Setting	-
Host Setting	Camera Name Camera-1	
WAN Setting	Streaming Method TCP Only	
Date Setting	Audio In Enabled 🧕	
Video Setting	Multicast IP 228 . 5 . 6 . 1	
Event Setting	(224.3.1.0 ~ 239.255.255.255)	
Video Adjust	Mutbeast TTL 255	
System lide	Muticast Interface	
Firmware	town Disabled	
Factory Default	Paralities 1025200	
Save Reboot	Riteste 1 2Mines	
Logout	Frame Rate Mode Constant	
	Frame Rate 10 12	
	When using variable frame rate, click the "Appl button to know the actual birate.	B
	*Frame Integration Deinterlace Blending	



2.1.7 Click <u>Save Reboot</u> to restore all settings and please wait about 30 seconds for system reboot.