

P2P IP CAMERA

Network Camera Installation Manual





1. Hardware installation

1.1 Hardware connection

Connect the power supply and network cable. Check if the power indicator (green) and the network indicator (yellow) is working properly. Then the camera head will rotate automatically.



Fig 1.1

Note: picture is for reference only. Actual product may vary. Power indicator: Green LED is on while power is on.

I/O port : Connect to a PIR or alarm sensors.

Network indicator: Yellow LED blinks when transferring data

Power supply: 5V

RJ45: Connect to the WiFi router

SD slot: Micro SD card

WIFI antenna: Receiving a wireless signal

Audio output: Connect to a speaker.

Tips

To reset the camera, please find the "RESET" button at the bottom of the pan and tilt camera or at the end of the tail wire of the dome camera. Then use paper clip to reach the reset button to press and hold for 30 seconds until you hear ticking noise and/or device rebooting. PLEASE NOTE: resetting the camera is only necessary if you have forgotten the password or moving the camera from one network to another network.



1.2 Network connection

If you camera has one key set up feature, you do not need to connect the network cable between the camera and WiFi router.) Skip to 1.4.



1.3 Wifi Connectin using WPS button (If your router or camera does not have WPS button, please skip this step.)

If your WiFi router and camera both have WPS button, then you can connect the camera to the WiFi router using WPS button as below:



1. Press the Router WPS button at 0 second, the Router will set a time range (the red area), press the IPCAM WPS button during the time range then the WPS is workable;

2. Press the IPCAM WPS during the red time range, such as start at t1 and end at t1+2(the blue area);

3.If press the IPCAM WPS more than 10 seconds, the camera will be reset, such as press at t1 more than t1+10, it is reset function not WPS function.



1.4 WiFi Connection using "one key setup."

Plug in the power adapter to the camera. The camera head will rotate to initialize for about 10 seconds. For the first time installation, after downloading and installing "coolcamHBP" app, tap on add camera and tap on "one key setup wifi" icon or choose skip (only if camera wifi setup is done.)



Fig 1.4a

Fig 1.4b

Fig 1.4c

While the camera gives a ring tone sound, choose WiFi router from the list which you want to connect the camera to. Then, input Wi-Fi password and tap on "one key setup wifi." Normally it takes about 40 seconds for the camera to connect to your Wi-Fi router. When it is done, you will hear a short burst of ringing sound.

2. iPhone and Ipad App introduction

2.1 App download

From App Store, search for app name "coolcamHBP", and then choose " to download and install it.





2.2 Add camera

There are 3 ways to add camera to the app: Lan Search, QR Code Scan and Manual input.

Factory default user name is "admin" default password is "admin".

Please note that the password on some models are empty. In this case, leave the password section empty and proceed to complete the adding procedure.

Method 1:Tap" **D** to add cameras, then tap Search network. This will find all the cameras in the same network. By selecting camera from the search list, it will automatically add the Camera ID and Username in the system. Then name your camera by your choice and input factory default password. Once all of the information have been added, tap "Done" on the right top corner to finish adding process.

	ist Done	Add		C	Ca								S	ave
Q														
		Add	QRCode		N	ame		Ca	amer	а				
		Camera Found! (3)	BM43WA5C.I		U	ID		Vħ	VTHY	/E5/	A4D	FBP	5L	
		192.168.1.216			Pa	assw	ord	••		•			0	
		TNN1YE4U89ZV 192.168.1.199	R53WE5E1		_									
		VNTHYE5A4DFE 192.168.1.209	3P5LWE5W1		1	2	3	4	5	6	7	8	9	0
					-	7	:	;	()	\$	&	0	"
					#+=	1	•	,	?	l	I.	•		
		Device Event	Add Device	(i) Info	ABC		Ð		spa	се			retu	m
Fig 2.	2a	Fig	2.2b					Fig	g 2	.2	с			

Method 2:Tap" [2]] " to add cameras, then tap Scan QR code. This will bring up a camera scan on your screen so that you may find and scan the QR code which will automatically add the Camera ID and Username in the system. The QR Code, which looks like a square barcode (refer to 3rd picture below), can be found on the sticker located at the bottom of the camera. Then name your camera by your choice and input factory default password. Once all of the information have been added, tap "Save" on the right top corner to finish adding process.

Camera List Done	Add Camera 💍	all the
٩	Add QRCode	Place a barcode inside the viewfinder rectangle to scan it.
	Camera Found! (3)	
	VTX1WY4UDVFBM43WA5CJ 192.168.1.216	
	TNN1YE4U89ZVR53WE5E1 192.168.1.199	
	VNTHYE5A4DFBP5LWE5W1 192.168.1.209	
		2 MATTING SA
		User : admin
		Password: admin
	Device Event Add Device Info	Manufacture and a second se
Fig 2.2d	Fig 2.2e	Fig 2.2f



Method 3:Tap" to add camera, then manually input all the information into the system. Name your camera by your choice, input the Camera ID, then input Username and finally input factory default password. Once all of the information have been added, tap "Save" on the right top corner to finish adding process.

			Done				C	Ca								Sa	ave
	Q				_												
				Ad	d	QRCode	•	N	ame		C	ame	ra				
				Camera Fou	nd! (3)			U	ID		V	NTH	YE5	A4D	FBP	5L	
				VTX1WY4 192.168.1.21		143WA5CJ			2001	vord						0	
				TNN1YE4 192.168.1.19		3WE5E1			255V	voru						0	
				VNTHYE5 192.168.1.20		5LWE5W1		1	2	3	4	5	6	7	8	9	0
								-	7	:	;	()	\$	&	@	"
								#+=			,	1	?	!	,		×
Levice	Event		(i) Infe	Device	Event	⊕_ Add Device	(i) Info	ABC		€		spa	ice			retu	m
	Fig 2	20			Fig 2	.2h					F	ia	2 2				

TIP

When the password is same as the factory default password, it will remind you (Fig 2.2i) to modify the password for security reason. But, you may cancel it to skip the process.

3. Liveview Screen 3.1 Single Screen View



	Events	⊕_	(i)
Device		Add Device	App Info
	Fig	3.1a	





3.2 Multi view screen





Fig 3.2b



Fig 3.2a

Control icons explained.

	monitor/ intercom	Ų	talk	6	Snapshot	Record Video
	alarm switch	۰ ۞ ۰	preset position switch		Infrared lamp switch	flip top to bottom
K	Flips around	QVGA	resolution	-1/11/1-	current setting	

Monitor/intercom - Listen to the audio of the camera.

Talk - Talk back to the camera for two way audio

Snapshot - Take picture of the screen and store on camera's memory.

Record – Record video of the live view and store on camera's memory. Alarm on – Turn on alarm.

Preset - Tap on the icon to point the camera to preset position.

Set position on pan and tilt camera by pressing and hold for 3 seconds.

IR light – Turn on IR LED light.

Up-down flip - Flipping image upside down.

Right & left – Used in pan and tilt camera for moving camera right and left.

VGA - Resolution settings; QVGA, VGA, 720P(only for HD camera),

1080P(only for 1080P camera)

Environment mode - Set 50Hz (Europe) or / 60 Hz(USA)

6



4. Parameter Setting

Click on" ② " to enter setting. You will see Security Code setting, wifi settings, SD card settings, alarm settings, FTP settings, mail settings and reboot camera.

4.1 Security Code Setting

In camera list, Tap on "to enter edit interface, Tap on "Advanced setting" to modify the security password. The factory default ID and password is both "admin".

Camera List Edit	Back Advanced S	etting	Cancel	Security Code	ок
٩					
Camera Online Disarming	Security Code	>	Old	Old Password	
VNTHYESA4DFBPSLWESW1			New	New Password	
	WiFi	None >	Confirm	Confirm Password	
	SDCard	>			
	About Device	>			
Device Event Add Device Info					
Fig 4.1a	Fig	4.1b		Fig 4.1c	

4.2 WIFI setting

Tap on wifi network in "Advanced setting" to auto search for camera's nearby wifi hotpot. Choose the WiFi router you want to connect the camera to. Then, enter WiFi password and tap "Join" located on top right corner. After successful setting, camera will reboot. After reboot, LAN cable can be unplugged.

Back Advanced Setting		Back WiFi Networks	Please enter password for neodemo.
			Cancel Enter Password Join
Security Code	>	CHOOSE A NETWORK	Password
		11111	
WiFi	None >	JXDYS	
		neodemo	
SDCard	>	MERCURY_521	QWERTYUIOP
		9WIFI	QWERTTOTOP
About Device	>	9WIFI	ASDFGHJKL
		9WIFI	🛧 Z X C V B N M 🖾
		NEOTEST	123 🕀 space Join
Fig 4.2a		Fig 4.2b	Fig 4.2c



4.3. SD Card Setting

For motion detection setting: Turn on "Guard", choose the sensitivity, alarm SD card recording push notification, and remote saving pictures

Back Alarm Setting			Alarm Setting	
Guard	ה	Alarm Pre	set	Off >
Input devices	7	Output devi	ces	
Motion Detection High	1 >	Alarm Lini	K	\bigcirc
Alarm Input device				
Alarm Preset Off	f >	Alarm SD	Record	
Output devices				
Alarm Link		Push Noti	fication	
0				
Alarm SD Record		Remote S	aving Picture	
			487/500	
Fig 4.3a		Fig	4.3b	

4.4. SD Card Setting

In Advanced mode, tap on SD card to format the SD card. Warning: tapping "Continue" will erase all data.





4.5 Alarm Setting 4.5a For motion detection setting, Follow below setting

Back Alarm Sett	ing
Guard	
Input devices	
Motion Detection	Medium >
Alarm Input device	
Alarm Preset	1 >
Output devices	
Alarm Linkage	\bigcirc
Alarm SD Record	
Push Notification	

Fig 4.5a

4.5b For external alarm setting, Follow below setting

Guard

Motion Detection Alarm Input device Alarm Preset Output devices Alarm Linkage Alarm SD Record Push Notification **4.6 Time setting** Turn on Local Time Correction to Synchronize time with your phone.

Back Time Setting	
Device Time 2016/02/15 14:43	
Time Zone GMT-5(Standard time)	C
Auto Time Correction	C
NTP Server time.kriss.re.kr	
Local Time Correction	

Fig 4.5b

Fig 4.6

5.1 Check alarm push notification live video

Tap on the push notifications, it will connect you to live video of the camera triggered. To check recorded event video, please go to 5.2 below.



Fig 5.1a

Fig 5.1b



View event video

5.2 Check Event Video

Tap on "Event" icon.

apon Event loon.	Tap on video i		ent viueo
Events	Back Event List	Search Back F	layback
	Video file Feb 15, 2016, 1:39 PM	> Feb 15, 2016, 1:38 640x352	РМ
Camera	Video file Feb 15, 2016, 1:38 PM	> Online Nm: 0	
NINTESAUPOPSLWESWI	Video file Feb 15, 2018, 1:38 PM	>	
		in all she all	IN
Device		11	
Fig 5.3a	Fig 5.3b	Fi	g 5.4c

Tan on video file

6. Introduction of Android App

6.1 App download

From Play Store, search for app name "coolcamHBP", and then choose "to download and install it.

6.2 Add Camera

There are 3 ways to add camera to the app: Lan Search, QR Code Scan and Manual input.

Factory default user name is "admin" default password is "admin".

Please note that the password on some models are empty. In this case, leave the password section empty and proceed to complete the adding procedure.

Method 1: By LAN Search

Tap" [회 " to add cameras, tap Search, select camera from the Search results list. Then, name your camera and input factory default password.

IPCamera HD
Click here to add camera



Method 2 : By QR Code Scan

Tap" [51] " to add cameras, tap Scan QR code, scan the QR code located at the bottom of the camera. Then, name your camera and input factory default password.



Fig 6.2d

Fig 6.2e



Method 3: Manually add

Tap" Image " to add cameras, type in camera's UID and password manually to connect to the camera.

IPCamera HD	Add Camera		IPCamera HD
Click here to add camera	Device Setting		Camera VHX1XXC7AJXLER53WEND1
	UID: TNN1YE4U89	ZVR53WE5E Search	NVF VTX1WY4U0VFBM43WA5CJ Deline No Guard
	Security Code:	Search	Click here to add camera
	Name: Camera		To protect your privacy, please reset your password
			ОК
	ок	Cancel	
Fig 6 2g	Fig 6.2h		Fig 6.2i
Fig 6.2g	Fig 6.2n		FIQ 0.21

Tip

When the password is same as the factory default password, it will remind you to modify the password for security reason. But, you may cancel it skip the process.



7. Live View Screen

7.1 Single view Screen

Tap on the picture to see live view





Fig 7.1a

S. 11

7.2 Multi-view Screen

Tap on the quad view icon on top left corner to see quad view.



Fig 7.2a Control icons explained.

Fig 7.2b

monitor/ intercom	Ų	talk	6	Snapshot	Record Video
alarm switch	۰¢	preset position switch		Infrared lamp switch	flip top to bottom
Flips around	QVGA	resolution	-1/11/1	current setting	



Monitor/intercom - Listen to the audio of the camera.

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Set position on pan and tilt camera by pressing and hold for 3 seconds.

IR light - Turn on IR LED light.

Up-down flip - Flipping image up side down.

Right & left - Used in pan and tilt camera for moving camera right and left.

VGA - Resolution settings; QVGA, VGA, 720P(only for HD camera),

1080P(only for 1080P camera)

Environment mode - Set 50Hz (Europe) or / 60 Hz(USA)

8. Parameter settings

Choose camera and Tap" or ilocated on the right of the camera list. Then tap on edit camera to modify user name, password, advanced setting, alarm setting and time setting.



Fig 8a Fig 8b 8.1 Modify the password of the camera

Tap the "Modify Security code" in the "Advanced Settings", and Change Password.

Advanced Setting	Advanced Setting		
Modify the device password	Security Setting		
Modify Security Code	Modify Security Code		
Wi-Fi Setting	Modify Security Code		
SSID: lamart Connected	Old:		
Manage Wi-Fi networks	New		
Recording Setting	OK Cancel		
Mode: Off A	Wi-Fi Setting		
Format SDCard Format command will ERASE all data of SDCard.	SSID: None Remote device no response		
OK Cancel	OK Cancel		
Fig 8.1a	Fig 8.1b		



8.2 WIFI Settings

In the "Advanced Setting", Tap "Manage WIFI networks", select your WIFI router you want to connect the camera to. Then input password of the WiFi router. After successful setting, camera will reboot. After reboot, LAN cable can be unplugged.

Advanced Setting	Advance	Advanced Setting		
Modify the device password				
Modify Security Code	Video Setting			
Wi-Fi Setting	💮 Manage Wi-I	i networks		
SSD: kmart	9WIFI			
SSU: Connected Manage Wi-Fi networks	Signal strength: 37 % Security: None Wireless password]		
Recording Setting	Show passwor	d.		
Mode: Off	ок	Cancel		
Format SDCard Format command will ERASE all data of SDCard.	Frank Castler			
OK Cancel	ок	Cancel		

Fig 8.2a

Fig 8.2b

8.3 Record Setting

In the record settings, you can select full time recording or alarm event(motion detection) recording.

Advanced Setting				
Ма	nage Wi-Fi ne	tworks		
Recording Setting				
Mode:	Off	4		
_	Off			
Format command	Full Time			
	ALARM			
Device Inform	nation			
Model:		NEO		
Version		7.7.4.1		
Vender:		IP-51		
Total size:		15271 MB		
Free size:		14267 MB		
ок		Cancel		

Fig 8.3

8.4 Alarm Setting

In the "Alarm Setting", turn off guard switch and open "alarm linkage(PIR)" to turn on motion detection by PIR sensor only. Alarm SD card recording and push notification can be turn on or off.

Alarm Setting					
Guard:			OFF		
Motion Detection:	Off				
Alarm Input device	Off				
Alarm Preset	Off				
Alarm linkage(PIR)				ON	
Alarm SD Record				ON	
Push Notification				ON	
ОК			Cancel		
	Fig	8.4			



9.1. Check the Event Video Tap on Event message Sele

Select video file from the list

View event video



Koolaan HBP Baach were from: Jost 26 at 78 at	م ا
2115122794-211512-2794 Video Files 2015-1914 Video Files 2015-1917 Video Files 2015113174 Video Files 20165 Files	>
Video Files Video Files Video Files Video Files Video Files Video Files Video Files	>
Video Files 120/015 LST PM Video Files 120/015 LST PM Video Files 220/015 LST PM Video Files	
Video Files Izaris is m Video Files Izaris is m Video Files Video Files	>
12/3/151:51 PM Video Files 12/3/151:51 PM Video Files	>
12/5/151:51 PM Video Files	>
	>
	>
Video Files 12/5/15 1:45 PM	>
Video Files 12/5/15 1:45 PM	>
Video Files 12/5/15 1:44 PM	>
Video Files 12/5/15 1:43 PM	



		*	п	*	
00:02	—		•		00:04

Fig 9.1a

Fig 9.1b

Fig 9.1c

9.2 View Snapshot Stored in your phone.





9.3 View Recorded Video Stored in your phone.

IPCamera HD	C Video list Edit	Playback video
Camera VHXTXX7AJXLBRS3WEND1	2016-02-15 Afternoon14-49-55	
VTX1WY4UDVFEM43WA5CJ		
Reconnect		(* Annual 5114)
💿 Edit Camera		
E View Event		
View Snapshot		
Temove Camera		
		≪ II ≫
	View Snapshot View Video	00:02 00:04
Fig 0.20	Fig 0.2b	Fig 0.2o

Fig 9.3a

Fig 9.3b

Fig 9.3c



TIPS

*When you first install Micro SD card, Micro SD card required to be formatted in the APP.

*After the camera is powered on for about 30s, the camera will rotate a circle automatically.

*After the camera is added in LAN successfully, no further setup is required for remote access.

*In setting up a wireless connection, please make sure the wireless signal strength is strong.

*After the device is connected to the power and network cable, the green light will be on and the yellow light will be blinking continuously.

*If the built-in speaker sound is too weak, you can connect to an external speakers. *If you forget your password, you can restore the factory default settings by resetting the camera.



Restore the Factory Default Settings

Find the "RESET" button at the bottom of the camera, make sure power is connected during resetting. Press and hold it for approximately 30 to 40 seconds to restores the factory settings (Yellow LED will become solid and then device will automatically restart).



For tech support, please contact support@ismartzon.com or visit www.ismartzon.com

Eu Environmental protection

Waste electronic products should not be household waste .

If there is a corresponding Facilities , recycling .

The recycling proposal , please consult the relevant functional

departments of local government or retailers.

