MISUMI Manufacturer & Exporter
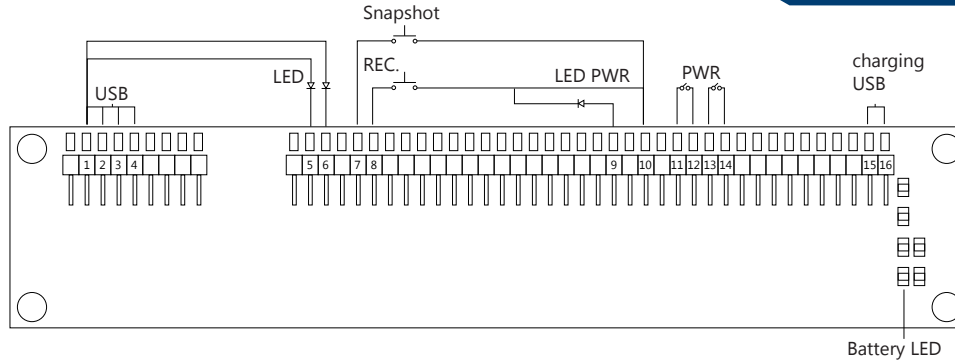
WiFi Type

Unit : mm (± 0.5)

Specification

Feature	• Support micro SD 128GB • Support H.264 & MJPG video format input • WIFI Mini DVR • Live streaming preview via APP • Full-time record and motion detection record via APP • Support UVC camera video input • Support RTC
Model	MP-WF680KPM
Connecton type	IP network connection
Dimension(mm)	120(L) x 25(W) x 8.2(H)
Local Storage	Support micro SD 128GB (exFAT format)
Real-time clock (RTC)	Support
Audio	Support (H.264)
Standards	IEEE 802.11 n/b/g standards compliant
Operating Frequency	2.412 - 2.483GHz(Subject to Local Regulations) Frequency Range USA (FCC): 2.412GHz ~ 2.462GHz Europe (ETSI): 2.412GHz ~ 2.472 GHz Japan (TELEC): 2.412GHz ~ 2.483GHz
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: up to 300Mbps
Bandwidth, Channels	802.11n 20MHz/40MHz ;802.11b/g USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 13 channels
Transmit Power	802.11b: 16+/-1.5dBm@11Mbps 802.11gn HT20: 13+/-1.5dBm@MCS7 802.11gn HT40: 13+/-1.5dBm@MCS7 802.11n HT20: 13+/-1.5dBm@MCS7 802.11n HT20: 13+/-1.5dBm@MCS7
Receive Sensitivity	11n: ≦ -67 dBm typical with 20MHz ≦ -64 dBm typical with 40MHz 11g: ≦ -71 dBm typical @ 54Mbps 11b: ≦ -82 dBm typical @ 11Mbp
Chipset	ABC8000, 1Ghz MIPS, MCU
Function	Loop recording, Snapshot, Full-time recording, *motion detect recording(*support camera model: MD-B20xx series)
Video fomat	MJPEG , H.264 (UVC camera)
Resolution support	1920 x 1080 Full-HD 1080P, 25FPS
Power	support 4.2V battery charge
RF interface	i-PEX connecter x1 & PCB antenna x1
Operating	0~40ºC. 10% to 90% Non-Condensing
Storage	-30 ~ 70ºC. 10% to 95% Non-Condensing

Pin define & drawing

WiFi Type

Function	Number	Description	Note
USB (video in)	1	VBUS	
	2	Data-	
	3	Data+	
	4	GND	
LED 1	5	LED cathode	LED anode connects to VBUS
LED 2	6	LED cathode	LED anode connect to VBUS
Snapshot/ Reset/reboot	7	Snapshot / Reset / reboot	Low active
Record	8	Record	Low active
LED indocator (power)	9	LED anode	
	10	LED cathode / GND	
Power switch	11	Power switch	11,12 and 13,14 switch on both switch
	12		
	13		
	14		
Battery charger	15	+5V	
	16	GND	

DVR indicator

Function	LED 1	LED 2	LED(power)
Power on			LED ON
WiFi stanby		blink 2sec	
Error		blink 2sec	
Snapshot		blink one time	
Reboot	blink one time		
Reset	blink Two times		
record		blink Two time	
Stop record		blink three-time	

Battery indicator

●●●●
Low -> High
●LED ON   ○LED OFF   ●LED Flash

Battery Voltage	operation of charing
<3700mV	●○○○ / ●●○○ / ●●●○ / ●●●●
>3700mV <3940mV	●●○○ / ●●●○ / ●●●●
>3900mV <4100mV	●●●○ / ●●●●
>4100mV <4200mV	●●●●
4200mV	●●●●

Battery Voltage	operation of Discharing
<4200mV >3880mV	●●●●
<3880mV >3720mV	●●●○
<3720mV >3500mV	●●○○
<3500mV >3200mV	●○○○
<3200mV >2800mV	●○○○

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► Preview image (android device , IOS device)

1. Download app and install it on android device.

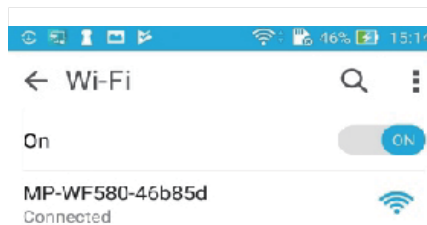| **android** | https://reurl.cc/d0o846 |
| **IOS** | https://apps.apple.com/tw/app/omni-viewer/id1502205214 |

(android)   (IOS)

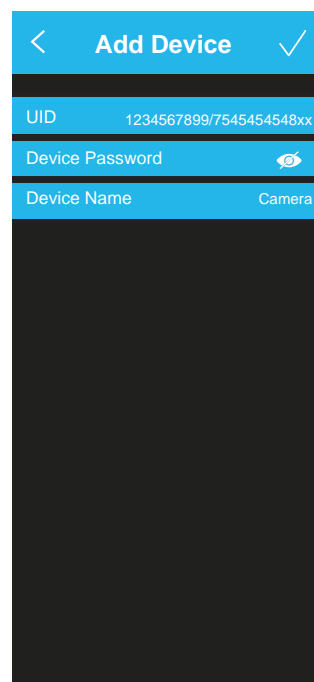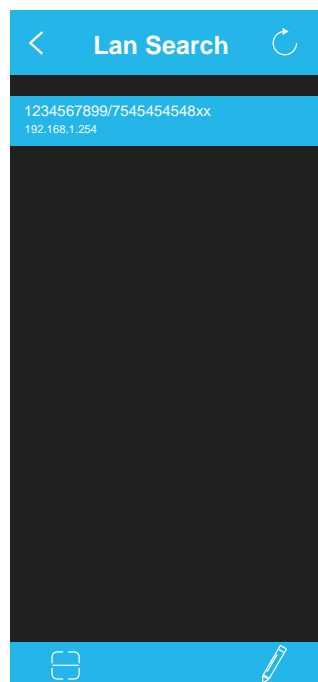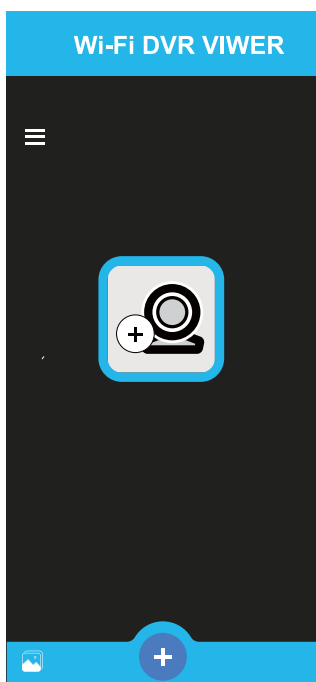2. Click DVR app then smartphone connects to the Internet.

3. Searching DVR's SSID " MP-WF580" on android device's wifi setting then link it.

> Note: 1. Mobile phone connect to the Internet before connecting to DVR wifi.
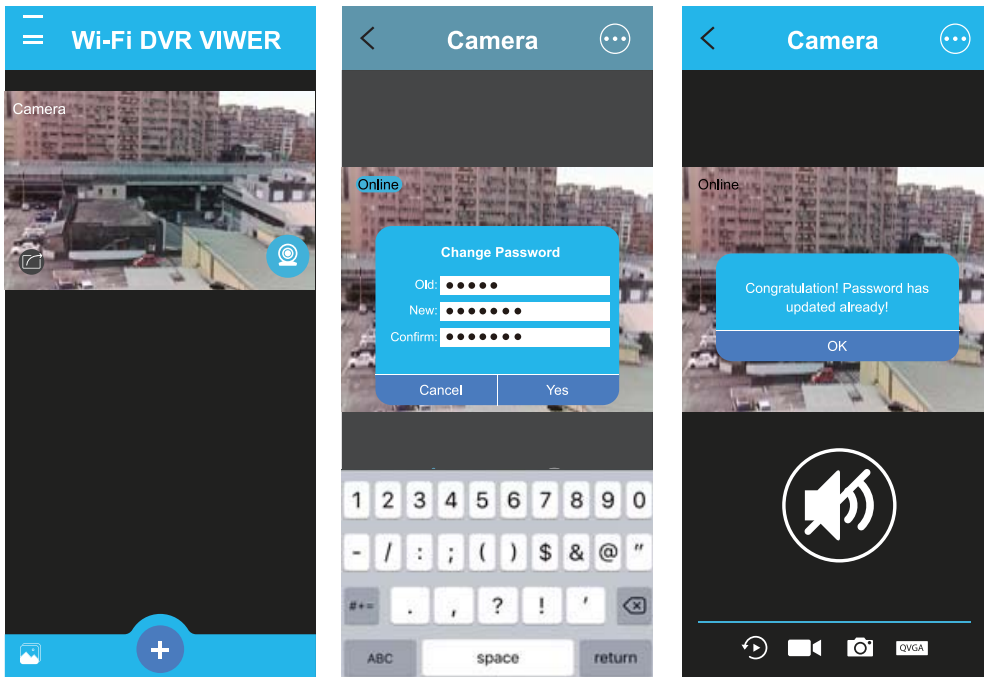>   2. Make sure the camera has connected to DVR, before previewing.

4. Tap+ to add new device

5. When the device has been detected, please enter the device password. Tap the 「√」on the top right. (default password is "888888")

Wi-Fi DVR VIWER

Lan Search

1234567899/7545454548xx
192.168.1.254

Add Device

UID	1234567899/7545454548xx
Device Password	
Device Name	Camera

> Note: 1. Make sure the camera has connected to DVR, before previewing.
>   2. If you forget your password, please press and hold the reset button on the device to restore to its factory settings.

TEL: 886-2-2226-6303
FAX: 886-2-2222-5620
mscctv@misumi.com.tw
http://www.misumi.com.tw

UVC WiFi Mini Router

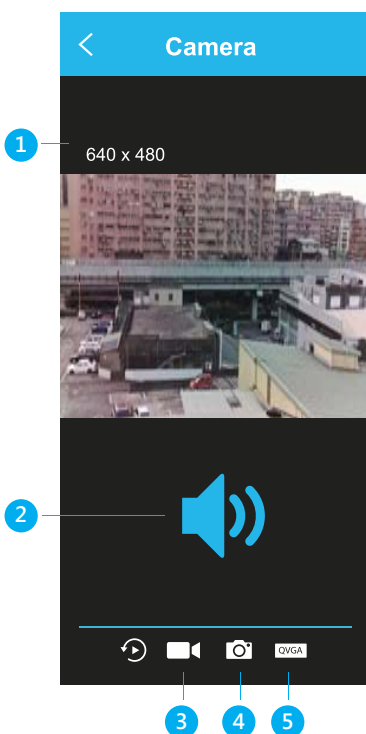WiFi Type

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6. When the device successfully connects to your Wi-Fi network, the device list screen will appear.

7. Please change your device password to complete the setup.

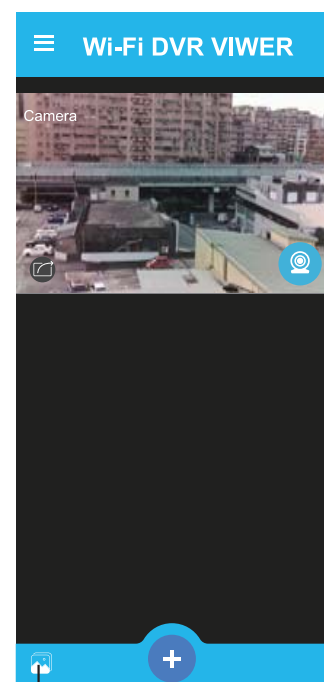8. Tap the device video screen to view live stream.

Wi-Fi DVR VIWER

Camera

Camera

Online

Change Password

Old:
New:
Confirm:

Cancel   Yes

1 2 3 4 5 6 7 8 9 0
- / : ; ( ) $ & @ "
#+= . , ? ! ' ⌫
ABC   space   return

Camera

Online

Congratulation! Password has updated already!

OK

QVGA

Note: To keep your personal information secure, we recommend you to change device passwords regularly

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9. Live streaming interface

10. Preview file on smartphone

Camera

1 640 x 480

2

QVGA

3 4 5

1 Camera resolution

2 Speaker(Mjpeg not support)

3 REC. function
   (video file will be saved in smartphone)

4 Snapshot function
   (image file will be saved in smartphone)

5 Image
   (High / Medium / Low)

Wi-Fi DVR VIWER

Camera

Click the icon to preview file