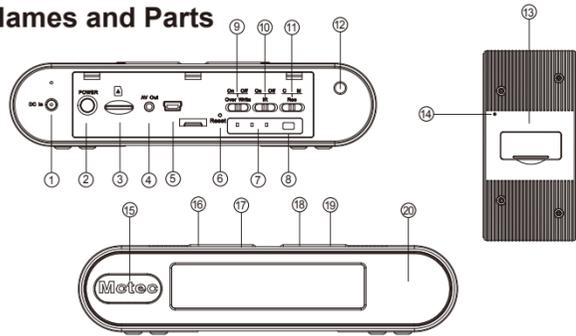


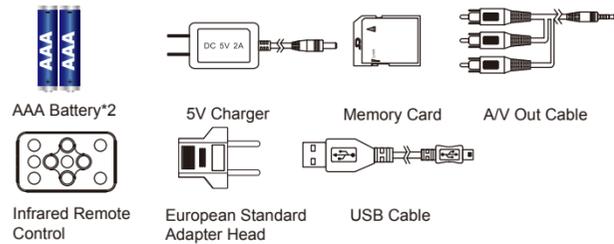
1. Names and Parts



- | | | |
|--------------------|--|-------------------------------|
| 1.DC In | 8.IR Sensor | 14.Digital Clock Reset Button |
| 2.Power Button | 9.Overwrite On/Off Switch | 15.Lens |
| 3.Memory Card Slot | 10.IR On/Off Switch | 16.Clock setting : up |
| 4.AV Out | 11.Continuous Recording/ Motion Detection Switch | 17.Clock setting : down |
| 5.USB Port | 12.Photocell | 18.Clock setting : set |
| 6.DVR Reset Button | 13.AAA battery slot | 19.Clock setting : set |
| 7.LED Indications | | 20.Infrared |

*No Microphones are available for USA territory.

2. Package Content



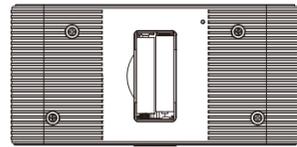
1

3. Power supply

A. Connect 5V adaptor to DVR is the **ONLY** way to power PV-FM20 and run the recording process.



B. Inset 2 pieces AAA batteries into batter slot to power the digital clock.

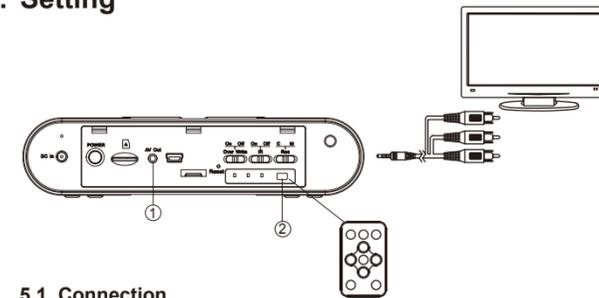


4. Date and Time Setting for Video Files

1. Connect the device to monitor via A/V out cable to enter UI page.
2. Use IR remote control aiming at IR sensor to navigate between the sections.
3. Navigate DVR menu by aiming Remote Control to IR Sensor and scroll down "Program Setting" then "Time Date Setting" to edit accordingly.

2

5. Setting

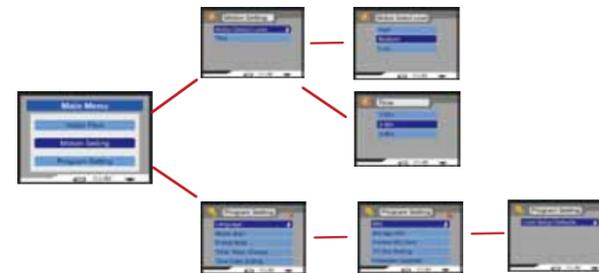


5.1. Connection

Connect AV/Out Cable to the AV out port ① on the device and connect the RCA jacks to AV In port on monitor.

5.2. Operated by infrared controller

Aim the IR remote controller to the IR sensor ② on the DVR and navigate the UI by the remote control.



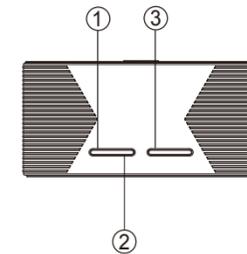
3

6. Retrieve Files from DVR

There are two ways to read the retrieve video files.

- 6.1. Use memory card reader to retrieve video files.
- 6.2. With the device powered on and memory card inserted, connect the device to PC by USB cable. It will be recognized by PC as an external drive for user to retrieve the files.

7. Time Setting for Clock Display



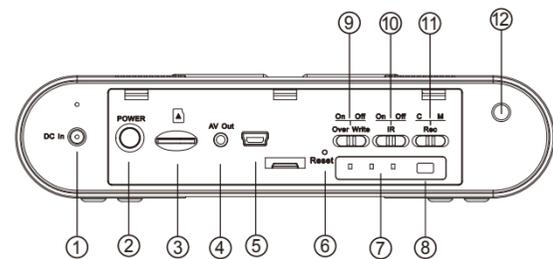
- 7.1. Insert 2 pieces AAA batteries into battery slot.
- 7.2. Press and hold ③ for three seconds to access time setting mode.
- 7.3. Press ① or ② to set hours and press ③ again to set minutes. To exit time setting mode, press ③.
- 7.4. Press ① to switch the displaying to 12 or 24 hour format.

Note: The time setting here is for clock display only. It does not apply to video files.

4

8. Operation

It is highly recommended to format SD card on unit when it is connected to monitor via A/V out cable.



- 8.1. Insert memory card into the card slot ③.
- 8.2. Switch ⑪ to set recording mode : continuous / motion detection
- 8.3. Switch ⑩ to activate or turn off infrared function
- 8.4. Switch ⑨ to turn on/off overwrite
- 8.5. Power on/off the DVR by pressing power button ②
- 8.6. Long press ② for 3 seconds to stop recording and turn off the DVR
- 8.7. LED indicator
Power: Blue
IR activated: Green
Record: Red

Note: Please do NOT unplug the 5V adaptor. This action will damage the files.
Do not change any setting without powering off the DVR.

5

9. Note

The IR filter could move to the wrong position during the transportation and it will cause a red recorded image. In this case please follow the below steps to calibrate the DVR.

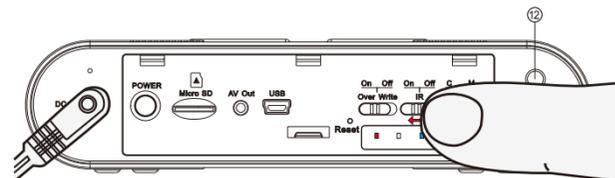


Normal



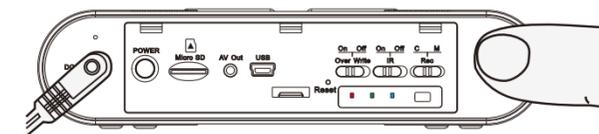
Abnormal

9.1 First switch on IR then power on DVR. Both red and blue LEDs will illuminate.

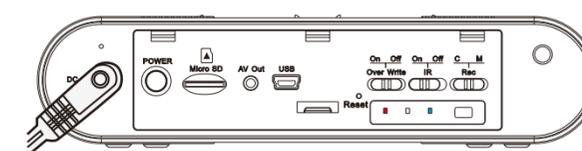


6

9.2 Use a finger to cover the photocell ⑫ for 5 - 6 seconds. You will hear a click. Then the green LED will illuminate.

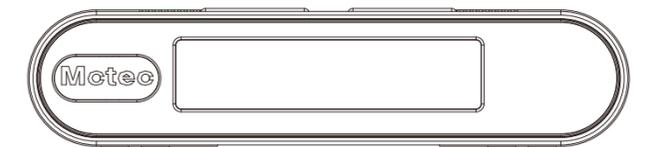


9.3 Remove your finger and you will hear another click 5 - 6 seconds after. In the meantime, the green LED will go off. The calibration process is complete.



7

PV-FM20 Digital Clock DVR Quick Guide Infrared illumination for night vision



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