



# OzSpy MDC-C20 8 Inch Digital Calendar Clock Camera User Manual

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## OzSpy MDC-C20 8 Inch Digital Calendar Clock Camera User Manual



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## KEY FEATURES OF THE PRODUCT

- 2K DVR Camera
- Digital Calendar Alarm Clock
- Digital Photo Frame



High Quality: Enjoy amazing sharp clear 2K video demo



PIR Recoding: Motion detection pir record let you don't miss any moments



Low Power Consumption: 200uA at standby mode



Built-in 10000mAh Battery: Rechargeable battery support 365 standby days



Night Vision: See what's happening even in the dark



Micro SD :Memory Card max up to 256 GB (Not included)



Fast Response: 1 second enable recording even at standby mode

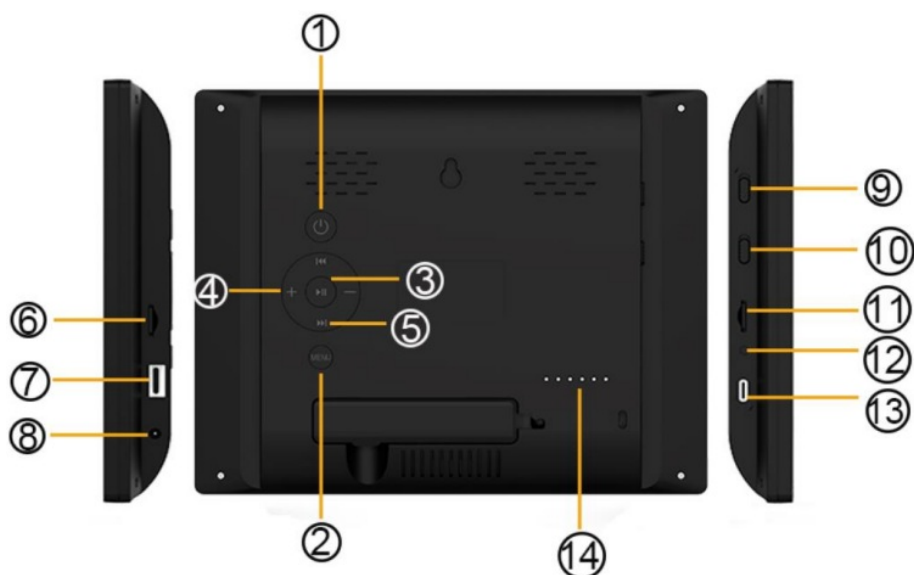


8" inch Digital Photo Frame

## PRODUCT STRUCTURE



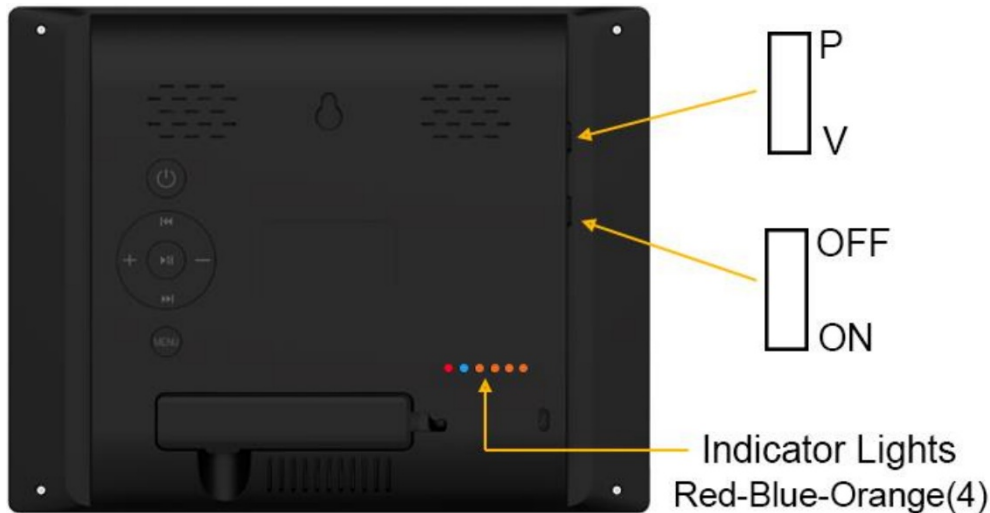
1. Camera lens
2. PIR Sensor
3. LCD Screen
4. Infrared Night Vision Light
5. Wall Mount Hanger
6. Desk Holder



1. Digital calendar power ON/OFF
2. Digital calendar set up
3. Setting saved/OK
4. Volume up/down
5. Photo/video mode switch / Change photo/video
6. Photo frame memory card (Micro SD)

7. Photo frame memory card (USB flash disk)
8. DC charging port (optional)
9. Camera recording mode switch (V/P)
10. Camera power ON/OFF
11. Camera memory storage (Micro SD card)
12. Reset camera
13. USB charging port (Type-C)
14. Recording Indicator Light (Red,Blue,Orangex4)

## THE CAMERA USING INSTRUCTIONS



### The Indicator Lights:

- The Red light indicate continuous recording mode.
- The Blue light indicate PIR motion detection mode.
- The Orange lights indicate the remaining battery power (It keeps on 10 seconds every time when you operate the camera ).

### The Recording Mode Button:

It has 2 of recording mode: Continuous recording mode and PIR motion detection mode: Push the V|P button to V position, it was in continuous video recording Mode; Push the V|P button to P position, It was in PIR video recording Mode.

### The Power ON/OFF Button:

Push the ON/OFF button to ON position, the camera starts recording; Push the ON/OFF button to OFF position, the camera stop recording and saved the files.(Please choose the recording mode firstly before start recording)

### How to Operate the Camera DVR:

Before using the camera, please insert a Micro SD card to the camera memory card slot which is on the left side of the device

### Continuous Recording and File Storage

- At the continuous recording mode (mode button is on V), push the power button to the ON position, the red

light blink three times and then goes off, the camera start recording. At the same time, the orange power lights turn on for 10 seconds and then goes off.

- Push the power button to OFF position, the red and blue light both blink three times at the same time and then goes off, it save the files onto Micro SD card (5 minutes of clip per file).

### **PIR Recording and File Storage**

- At the PIR mode (the mode button is P), push the power button to the ON position, the blue light blink three times and then goes off, the camera is going to the PIR motion detect mode. At the same time, the orange power lights turn on for 10 seconds and then goes off.
- Once the human body movement is detected, the camera will auto start recording and one file was saved per minute. If the human body movement is not detected, the camera stops recording and going to the low-power standby mode, it has no indicator light blinking under the PIR standby status; (Once the camera entering PIR motion mode, it can standby up to 180-days until the camera wake up recording by human motion, in this mode, please shut off the calendar display to avoid battery lose if it was disconnected with power socket)
- Push the power button to OFF position, the red and blue lights both blink three times at the same time and then go out. Files was saved onto the Micro SD card and camera power off.

### **V/P Recording Mode Switch**

The camera supports the random switching of V (continuous recording mode) and P (PIR motion activated recording mode/low-power consumption mode) ; the orange lights will turn on for 10 seconds every time to display the remaining battery.

### **Camera Reset/Reboot**

If for the wrong operation or any other unknown reasons, the camera stop recording or there is no any feedback from the DVR, please press the “R”reset button to reboot device.

### **File Storage and Replay**

1. Directly connects the digital calendar camera to computer to access the memory card/play back the videos by the Type-C USB cable (please make sure the USB cable has data transfer function);
2. If the USB cable not working,you can also take out the memory card and access the files on computer by TF card reader;
3. If it has no sound while play the video, please use the VLC media player to read the files.

### **Format the Memory Card**

If you can't access the memory card, please trying quick format.  
But remember if you format the card, all your files will be deleted.  
We suggest to format the memory card before first use.

### **Video Time Stamp Set**

**A.Connect** the device with computer by USB cable —— Access the memory card on computer —— Open the removable disk —— Find out the text document at the root directory



DCIM



time.txt

**B.Open** the text document 'time.txt' and modify the time & date according the standard time in your state. Settings should be carried out based on the following format, and time should be 24 hour military format.

```
2020-01-01 00:00:00
TimeStamp=Y; //Y - Timestamp enable, N - Timestamp disable;
LoopRec=1; //1 - LoopRec enable, 0 - LoopRec disable;
Mic=1; //1 - Mic enable, 0 - Mic disable;
```

- TimeStamp=Y : Display timestamp in the video;
- TimeStamp=N : No timestamp in the video
- LoopRec =1 : Loop Recording enable: the old files will be overwrite once the memory card is full.
- LoopRec =0 : Loop Recording disable: Device stop recording once the memory card is full.
- Mic = 1 : Recording video sync with sound.
- Mic = 0 : Doesn't record audio

!! Please remember to save the txt document everytime when you make any modification in the document.

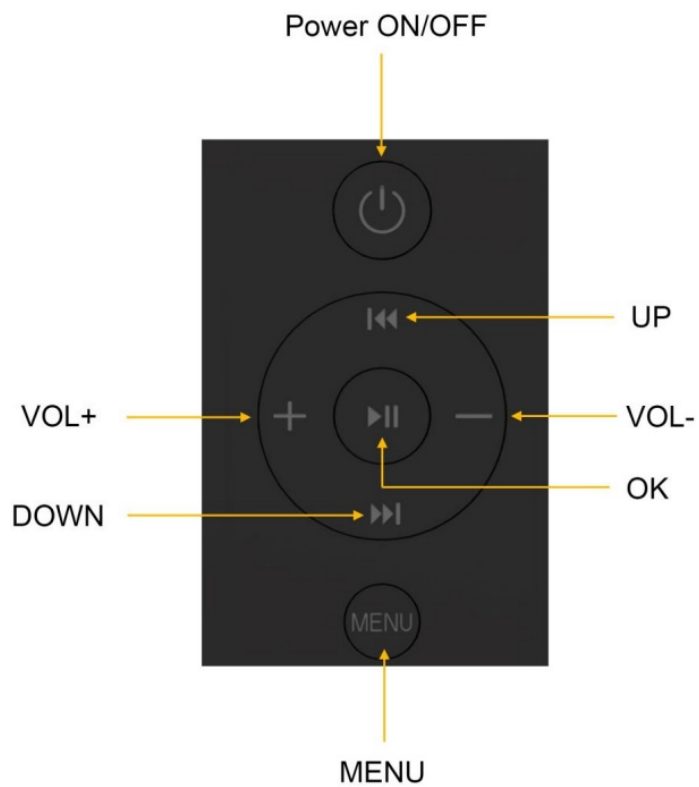
## Charging

The device was powered by 10000mAh battery inside, for long time using, we suggest to connect it with power source/socket by the Type-C charging cable(Included in the box). It support recording while charging,while charging, the orange lights will blink in sequence. After the battery is fully charged, all the 4 orange lights will stay on and will not blink anymore.

## Camera Specification

Resolution	2K (2304*1296)
Recording Mode	Continuous Recording/PIR motion
Wireless Type	No WiFi
Video Format	MOV
Audio Recording	Yes
Visual Angle	120 degree
Compressed Format	H.264
Night Vision Type	Infrared Leds
Recording Range	30
Battery Capacity	10,000 mAh
Charging Time	8 hours
Memory Card Type	TF/Micro SD
Storage Capacity	Up to 256G
Player Software	VLC/KM/GOM/PotPlayer/MPC-HC/Realplayer/DivX/Plex/UM/SM

## THE DIGITAL CALENDAR USING INSTRUCTIONS



### Power ON/OFF

Press the ON/OFF button 5-seconds to power on the screen and single press it again to display the calendar.

### Calendar Display Switch

At any calendar screen, press the OK button to change the calendar display, it has total 3 kinds of calendar display as below:



### Digital Calendar/Clock Setting

Press the MENU button to access the set up screen;

Press the UP/DOWN button to highlight the field to be modified;

Press the OK button to enter modification;

Press the VOL/+/- to adjust the number;






After the modification is completed, press OK button to save;  
Press the MENU button to quit set up and go back to main screen.



Language Set	<	English	>
Time Set	<	10:21:03	>
Date Set	<	01-08-2021	>
Time Mode	<	24 Hour	>
Date Mode	<	Day-Month-Year	>
Auto Dimming	<	Auto	>
Volume Set	<	28	>
Alarm Set			>
Medicine Reminder			>
Factory reset	<	V1.0	>

### The Alarm Clock / Taking Medicine Reminder

**A:** Go to the calendar menu → tap on the Alarm Set → set up the alarm clock group

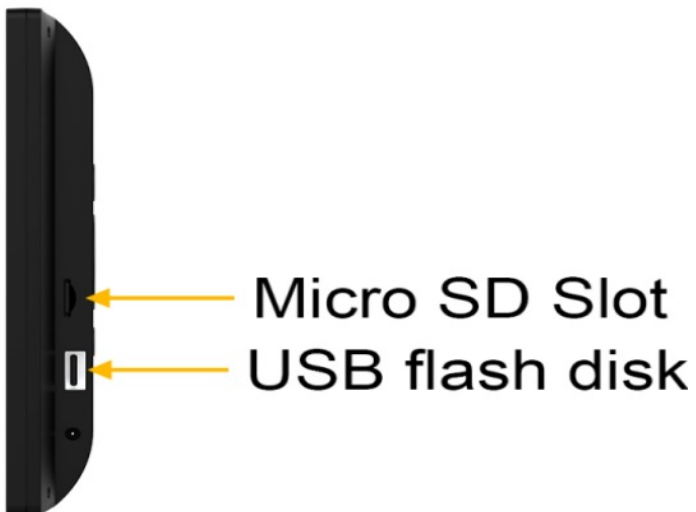
 <b>Alarm1</b>	Time:	< 12:00 >
	Date:	< Off >
	Duration:	< 30S >
 <b>Alarm2</b>	Time:	< 12:00 >
	Date:	< Off >
	Duration:	< 30S >
 <b>Alarm3</b>	Time:	< 12:00 >
	Date:	< Off >
	Duration:	< 30S >
 <b>Alarm4</b>	Time:	< 12:00 >
	Date:	< Off >
	Duration:	< 30S >
 <b>Alarm5</b>	Time:	< 12:00 >
	Date:	< Off >
	Duration:	< 30S >

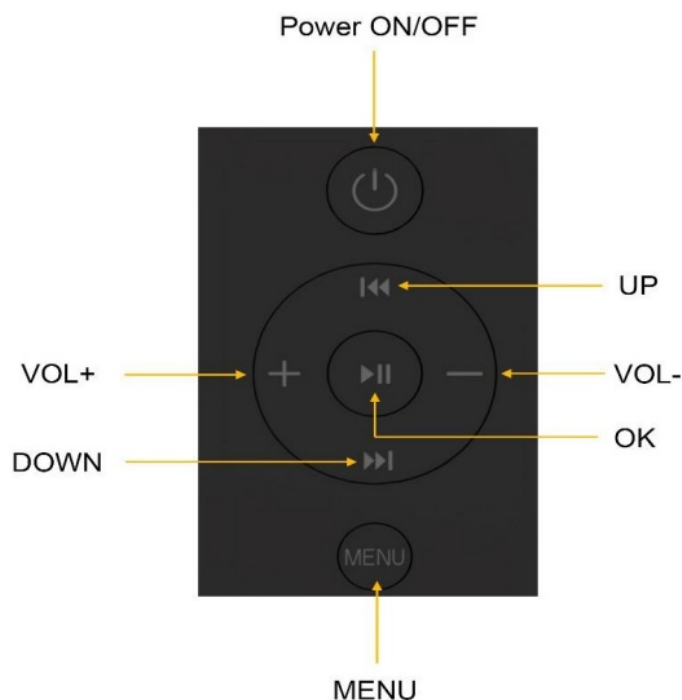
**B:** Go to the calendar menu → tap on the Medicine Reminder → set up the alarm clock group

Time To Take Morning Medicine	Time:	<	12:00	>
	Status:	<	Off	>
	Duration:	<	30S	>
Time To Take Afternoon Medicine	Time:	<	12:00	>
	Status:	<	Off	>
	Duration:	<	30S	>
Time To Take Evening Medicine	Time:	<	12:00	>
	Status:	<	Off	>
	Duration:	<	30S	>

## THE DIGITAL PHOTO FRAME USING INSTRUCTIONS

The device is a digital photo frame that can play videos/photos on the screen by insert a Micro SD card or USB flash disk. It supports playing 480p/720p/1080p/2K videos.(The photo frame can directly play the video files which were recorded by the camera DVR)





### How to play video/photos on the photo frame:

1. Power the calendar clock by press the power ON/OFF button;
2. Insert a Micro SD card/USB flash disk to the photo frame memory card slot (It's on the right side of the photo frame);
3. The videos/photos are auto played on the screen while insert micro sd card.
4. Press the button to choose video mode or photo mode, then press the button to play video or photo, if don't press button, the digital photo frame are auto rotated playing videos/photos.
5. Press the OK button to pause/play the video
6. Press the MENU button to quit photo frame screen and go back to calendar screen.

Please Note: If the main screen is on calendar screen, you have to take out the micro sd card and insert the sd card again, then the photo frame screen will be resumed for playing photo/video again.

### 7. The Digital Photo Frame Files Compatibility

Photo Format	JPG/JPEG/BMP/PNG
Video Format	AVI/MP4/MOV/MKV/RMVB/MPG/DAT/VOB/FLV

### Trouble Shooting

- **Why both the red and blue lights keep on at the same time but not recording when you switch the camera ON?**

Check whether the memory card inside or not.

Check whether the memory card is full or not.

- **Why the camera don't recording or stop recording ?**

Check whether the device is out of battery power, please charge the unit full at least 8 hours, if you want non-stop recording, please connect the unit for charging while recording.

- **If there no sound while playing the video.**

The camera is recording with audio, if it doesn't play sounds , please use the VLC media player instead of yours.

- **Why cannot access the memory card when connect the unitto computer ?**

Please take out the memory card and access the files on computer by TF card reader.

- **When the camera suddenly crashed or no any feedback for unknow reasons.**

Please press the reset button to reboot camera.

- **The device get very hot while charging or recording, is it normally?**

Yes, the unit would get a little higher surface temperature if it was recording while playing photos, actually it is normal and it has built-in over heat protection, please don't worry the safety issues.


### Important Notice:

- The calendar clock camera can record 2K video without WiFi, No App, No need WiFi connection.
- If the device is disconnected with power source, please power off the digital calendar to avoid battery lose while using PIR motion recording, which can last for long-time recording.
- The device has 2 memory card slot, 1 is for camera recording, 2 is for digital photo frame, please make sure insert SD card to the right position.(It support recording while playing video/photo at the same time)
- Please fully charge the unit before using the product, and avoid recording at low battery status to keep efficiently performance.
- This camera has audio recording function, you can choose to shut off the audio function by modify the inner txt files.
- Please use this product in the area permitted by law and pay attention to the local laws.

If you have any questions for using the product,please feel free to contact us by amazon system, you will get reply in 24 hours anytime.



### Documents / Resources

	<p><a href="#">OzSpy MDC-C20 8 Inch Digital Calendar Clock Camera</a> [pdf] User Manual MDC-C20, MDC-C20 8 Inch Digital Calendar Clock Camera, 8 Inch Digital Calendar Clock Camera, Digital Calendar Clock Camera, Calendar Clock Camera, Clock Camera, Camera</p>
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