



# DALLUX NCC71AFG Wireless Reversing Camera Instruction Manual

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# DALLUX

**DALLUX NCC71AFG Wireless Reversing Camera**



## Product Information

The NCC71AFG is a 720P digital audio video receiver with 4T1R. It is designed for wireless car rear vision and wireless monitoring applications. The receiver integrates MPEG4 codec, FHSS base band, RF transceiver, AD&Flash, and CCIR656 Sensor. It supports CVBS PAL/NTSC System input.

### DC Characteristics:

- **Power Supply:** +9~+30V
- **Current Consumption:** TYPE: 300mA, Max.380mA
- **Operating Temperature:** 2S Max. 120mS Max.
- **Resolution:** VGA640X480/D1720X480
- **Frame Rate:** VGA: 30f/s/D1: 25f/s
- **Video Codec:** AVI PAL/NTSC
- **Voice Sample Rate:** 16KHz/12BIT ADC
- **Voice Frequency Band:** 20Hz~20KHz
- **ID/BIT SYSTEM Architecture:** Pairing/22(4KK) RISC(32Bit) SOC

### RF SPEC:

- **RF Operation Frequency:** 2400 ~ 2483.5MHz\*
- **RF Impedance:** 50, Typ. 2:1
- **Voltage Standing Wave Ratio:** 20dBm with Power control
- **RF Bit Rate:** 4Mbps FSK/GFSK FHSS

### Operating Instruction:

1. **Code-matching operation:** After power on, press the menu key to enter the main menu and select the code-matching. Enter code matching mode and count down the code in 20 seconds. At the same time, the transmitting side is in the strong state of the code to match the code.
2. **Image setting:** Adjustable in the image menu, brightness, contrast, chroma, volume adjustment.
3. **Mirror settings:** The mirror menu controls the image up, down, left, and right flip functions.
4. **Mode setting:** Camera settings: Under this menu, you can select the switch status, cycle time, and set automatic cycle of the four cameras.
5. **System setting:** In the system setting menu, you can adjust the date and time, language, N system/P system, trigger the time, reverse cursor function.
6. **Play function:** Select play function to enter play interface, play SD card content, press menu key to exit.
7. **Video setting:** Enter the video setting interface, you can format SD card and loop recording function.

**Note:** The first use of the new card must be formatted in this machine before it can be used normally.

### **Key Functions:**

- Power switch
- Upturn
- Flip down switch
- Menu determine

### **Description**

NCC71AFG is a 720P digital audio video receiver with 4T1R, the main application is wireless car rear vision, wireless monitoring, which integrates MPEG4 codec , FHSS base band , RF transceiver ,AD&Flash, and CCIR656 Sensor,Support CVBS PAL/NTSC System input.

### **General**

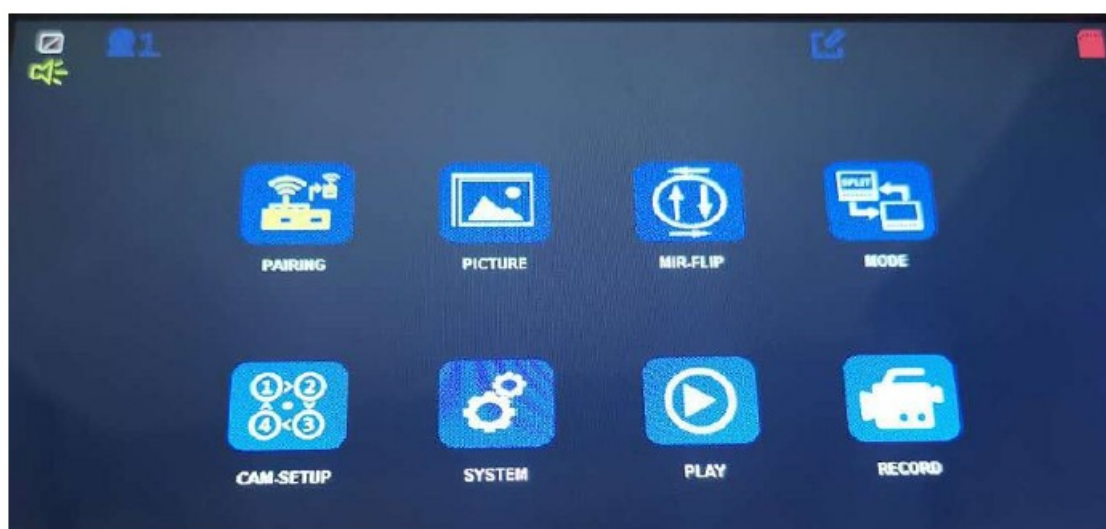
|                             |                           |
|-----------------------------|---------------------------|
| DC Characteristics          |                           |
| Power Supply                | +9~+30V                   |
| Current Consumption         | TYPE:300mA, Max.380mA     |
| Environmental Specification |                           |
| Operating Temperature       | -10~+60 °C                |
| Storing Temperature         | -30~+85 °C                |
| Operating humidity          | 85%RH                     |
| <b>BASEBAND SPEC.</b>       |                           |
| POWER ON                    | 2S Max.                   |
| Latency                     | 120mS Max.                |
| Resolution                  | VGA 640X480/D1 720X480    |
| Frame Rate                  | VGA:30f/s/D1: 25f/s       |
| Video Codec                 | AVI                       |
| Video in System             | PAL/NTSC                  |
| Voice Sample Rate           | 16KHz/12BIT ADC ADPCM/PCM |
| Voice Frequency Band        | 20Hz~20KHz                |
| ID/ BIT                     | Pairing /22(4KK)          |
| SYSTEM Architecture         | RISC(32Bit) SOC           |
| <b>RF SPEC.</b>             |                           |
| <b>RF</b>                   | 7916                      |
| Operation Frequency         | 2400 ~ 2483.5MHz*         |
| RF Impedance                | 50Ω, Typ.                 |
| Voltage Standing Wave Ratio | 2:1                       |
| Output Power                | 20dBm with Power control  |
| RF Bit Rate                 | 4Mbps                     |
| Modulation                  | FSK/GFSK                  |
| Spread Spectrum             | FHSS                      |
| Overlapping Hopping Channel | 125                       |
| Hopping Rate                | 1200/S                    |

|                              |                         |
|------------------------------|-------------------------|
| CRC Check Bit                | 16                      |
| Line of Sight Range          | >200M                   |
| Receiving Sensitivity        | -88dBm@4MHZ             |
| RSSI Level                   | 4                       |
| Video Characteristics        |                         |
| Video Output impedance       | 75Ω, Typ.               |
| Video Output Level           | 1Vp-p, Typ.             |
| Video Polarity               | Negative polarity       |
| Video Frequency Response     | ±5 dB, Max. 50Hz ~ 6MHz |
| <b>Audio</b>                 |                         |
| Audio Output impedance       | 200KΩ, Typ.             |
| Audio Output Level           | 5mv~0.2Vp-p, Typ.       |
| S/N(340Hz ~ 3.4kHz)          | 63dB, Min               |
| (THD):(340Hz~ 3.4kHz,0.5p-p) | 5 %, Max                |
| Outline                      |                         |
| Size                         | 100(L)X60(W)X1.2(H)     |
| Weight                       |                         |

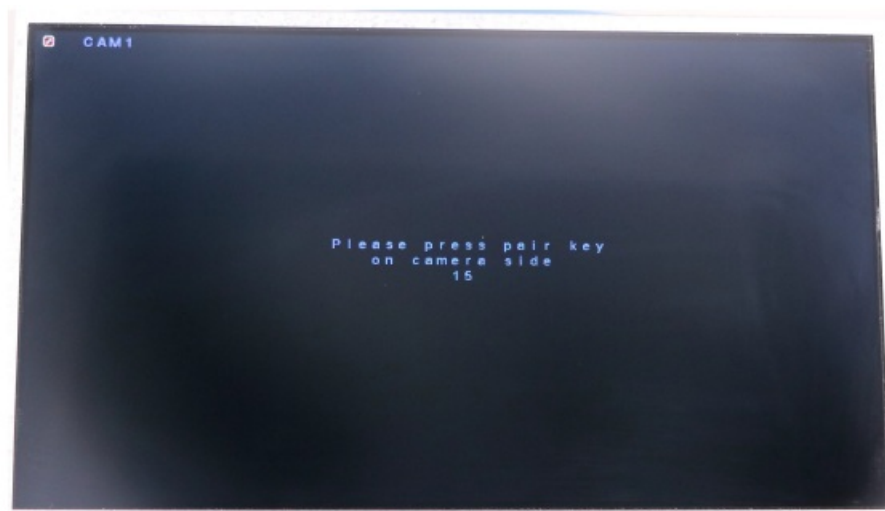
**Multi-language:** English, Japanese, Russian, Spanish, Italian, German, French.

## Operation Instruction

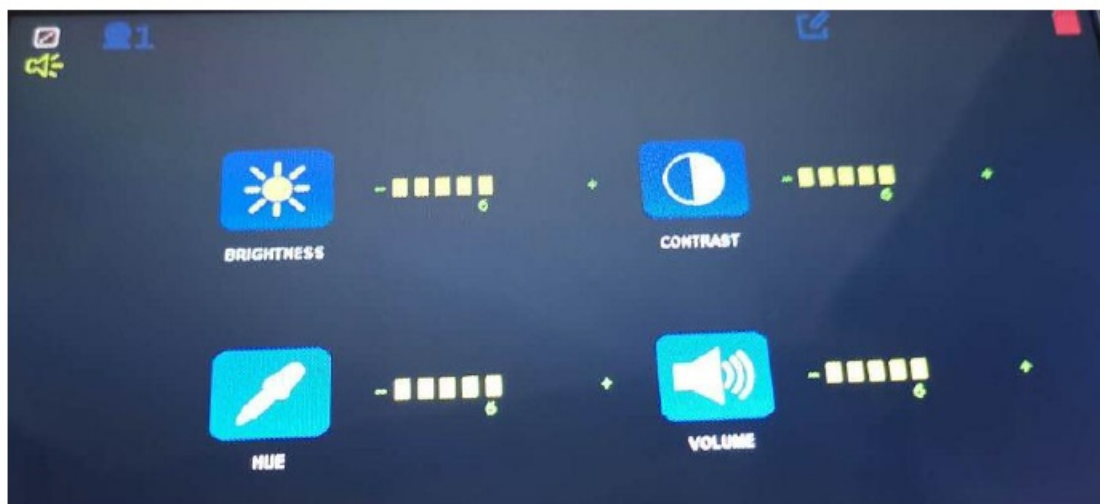
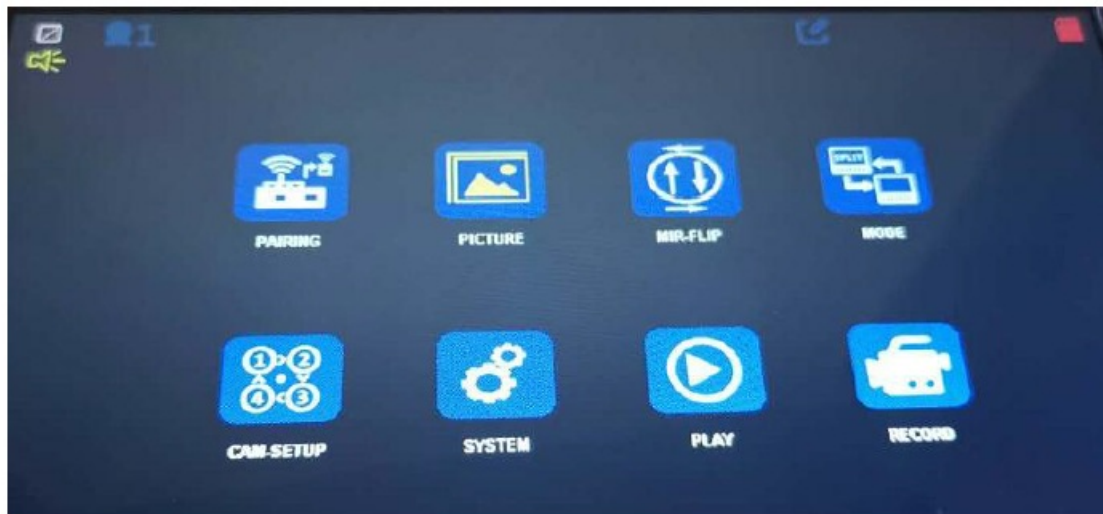
1. Code-matching operation: after power on, press the menu key to enter the main menu and select the code-matching.



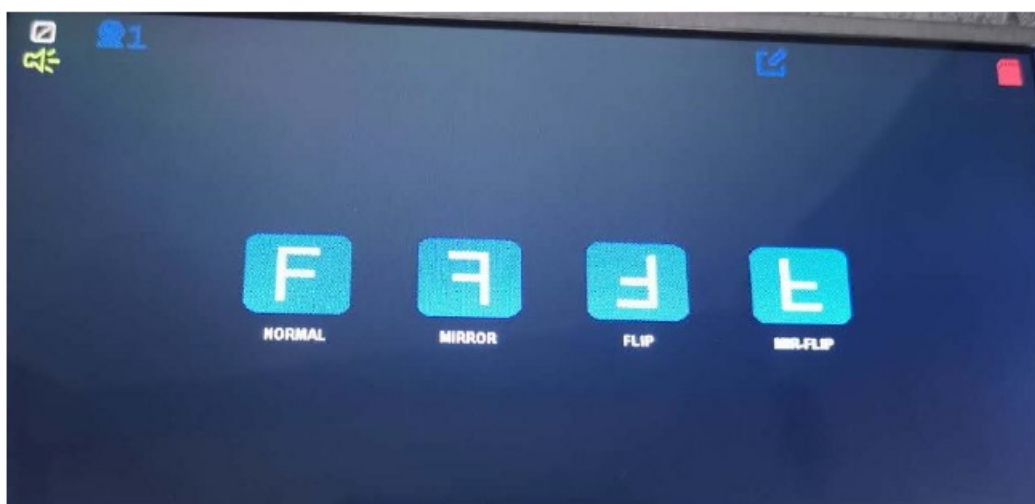
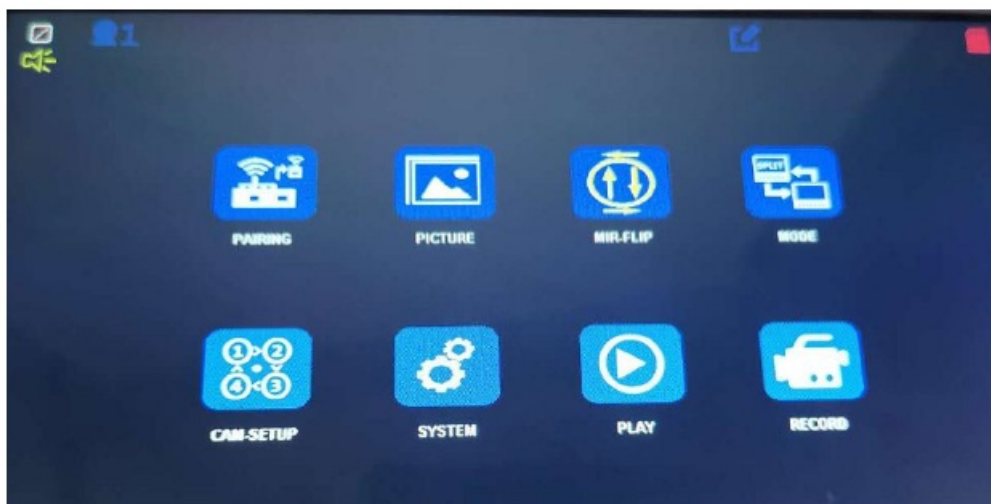
Enter code matching mode and count down the code in 20 seconds. At the same time, the transmitting side is in the strong state of the code to match the code.



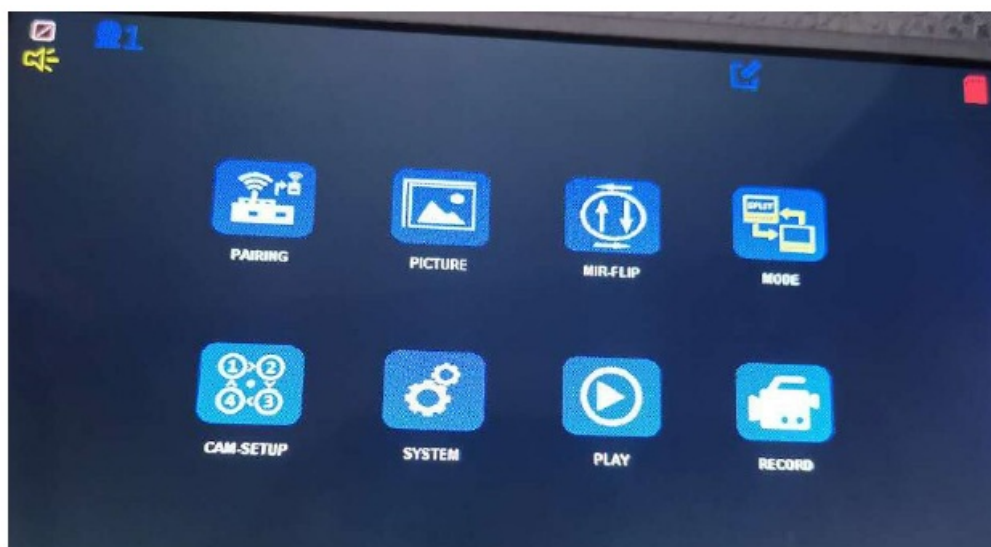
2. **Image setting:** Adjustable in the image menu, brightness, contrast, chroma, volume adjustment.

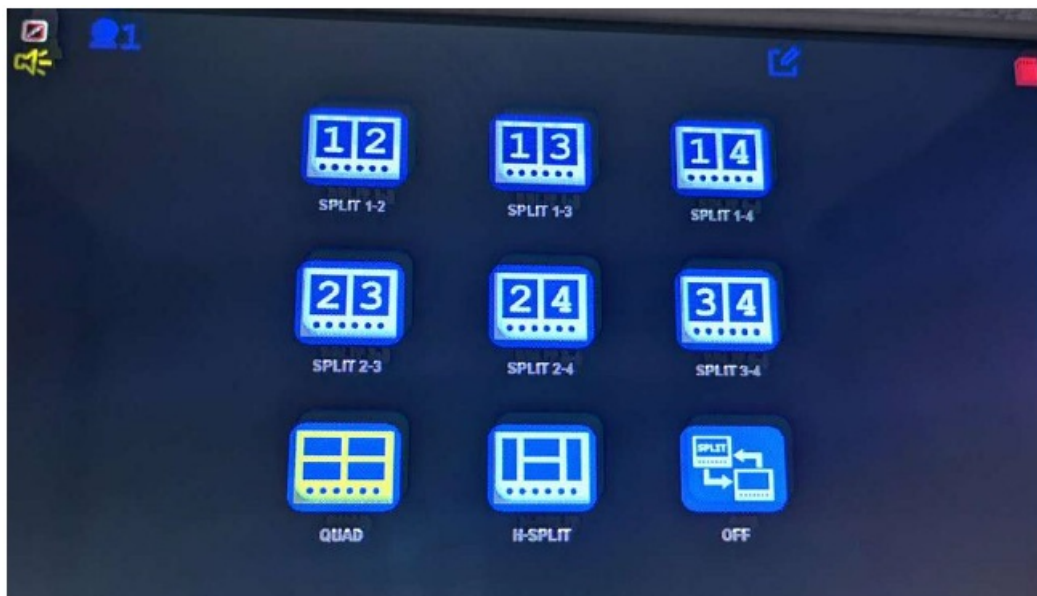


3. **Mirror settings:** The mirror menu controls the image up, down, left, and right flip functions.

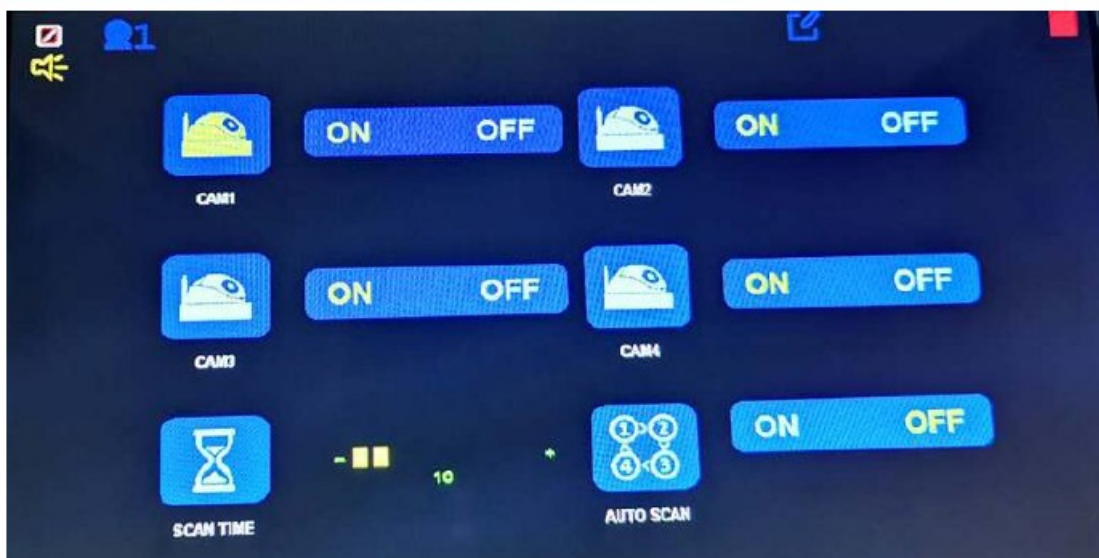


4. Mode setting





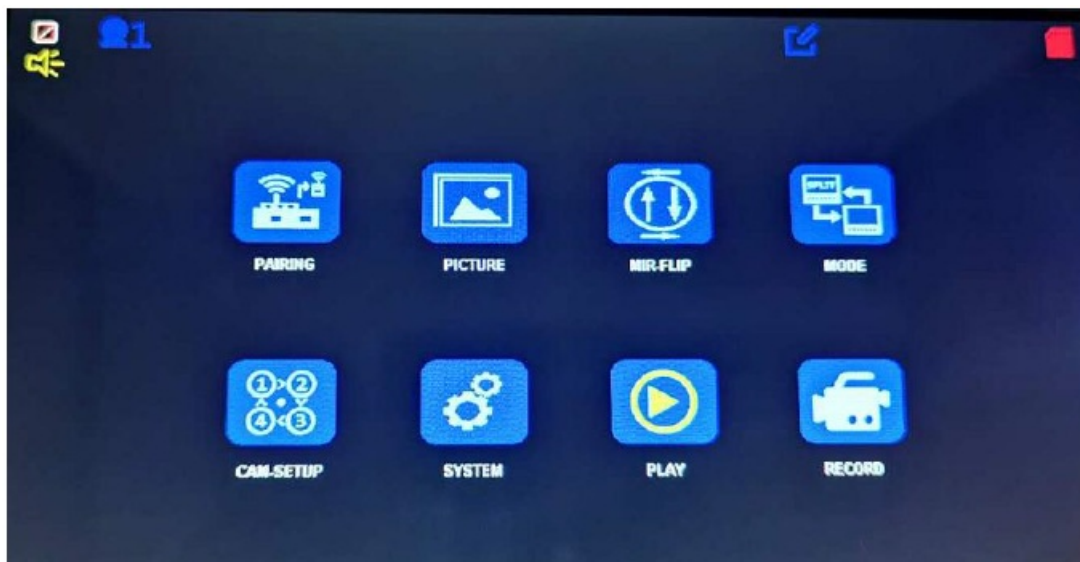
5. **Camera settings:** under this menu, you can select the switch status, cycle time, and set automatic cycle of the four cameras.



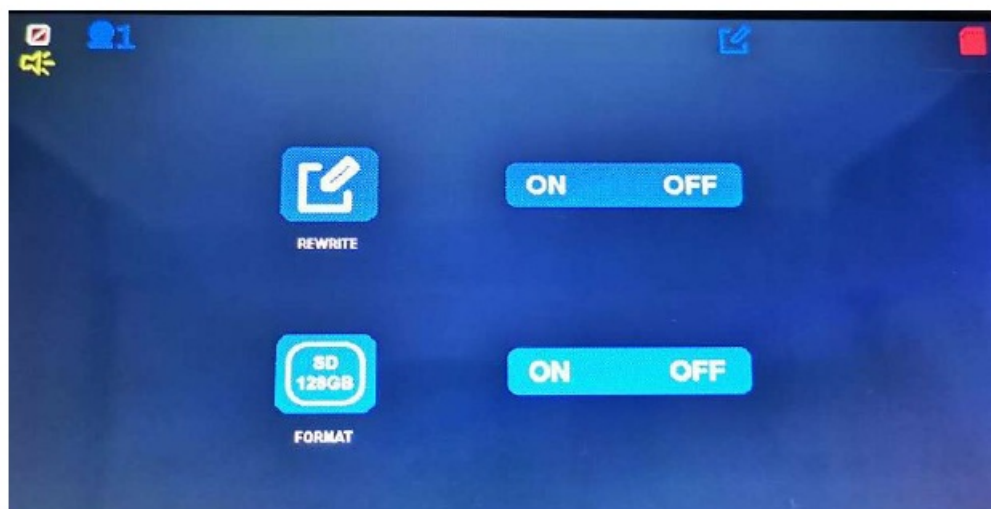
6. **System setting:** In the system setting menu, you can adjust the date and time, language, N system/P system, trigger the time, reverse cursor function.



7. **Play function:** select play function to enter play interface, play SD card content, press menu key to exit.



8. **Video setting:** Enter the video setting interface, you can format SD card and loop recording function. Note: The first use of the new card must be formatted in this machine before it can be used normally.



## Key function description



## Documents / Resources

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>2.4GHz digital video and video wireless</div><div></div><div>Catalog</div><div><div>1. Introduction</div><div>2. Features</div><div>3. Operation instructions</div><div>4. Key feature description</div></div><div></div></div> | <div><div><a href="#">DALLUX NCC71AFG Wireless Reversing Camera</a> [pdf] Instruction Manual</div><div>NCC71AFG Wireless Reversing Camera, NCC71AFG, Wireless Reversing Camera, Reversing Camera, Camera</div></div> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

References

- [User Manual](#)