Wireless Receiver
W141RX

User Guide

Please read this manual before operating this equipment.

Information subject to change with firmware update

Notes

- Do not use this equipment in an environment with heavy dust and smoke.
- Avoid using this equipment in closed space without good heat dissipation, excessive vibration area or under severe impact.
- Do not puncture, scratch or use abrasive to clean materials on the equipment.
- Don't locate the system cable where it may be caught or stepped on.
- At least 2 inches should be left between the system and other objects, so that there is enough air circulation around the device.

Feature

- Rugged design with IP Rating: IP69K
- Power light indicator
- Support connection and display up to 4 Wireless Cameras
- Audio support (single display only)
- Support up to 4 camera trigger wire function
- Support Traditional on-button or EZ Pairing (establish paring without button pressing in camera)
- Support color settings
    - Brightness
    - Contrast
    - saturation
    - Hue
- Support image settings for different applications
    - Mirror
    - Flip (Up-Side down)
- Display mode
    - Single, Dual and Quad display mode
    - Scanning mode (interval time between camera)
- Parking Line (Grid Bar)

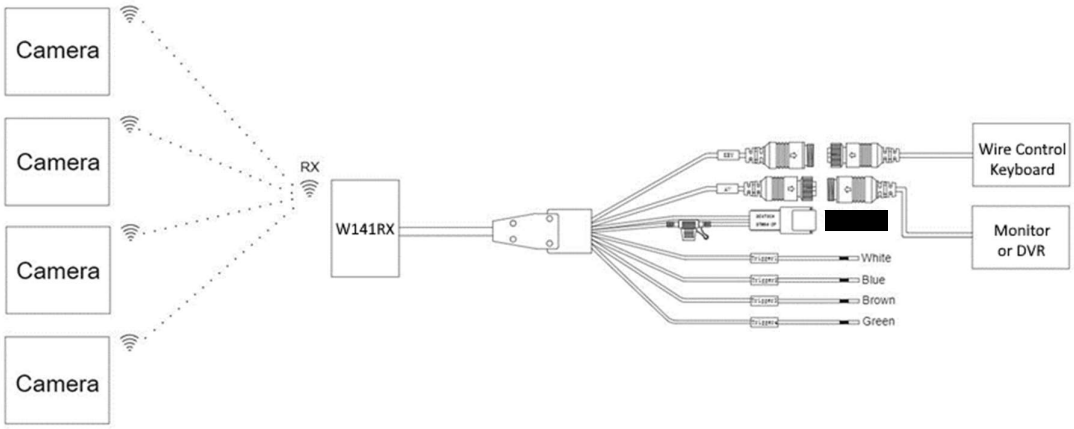
Accessories

Wired keyboard	
Antenna	

Wired Keyboard

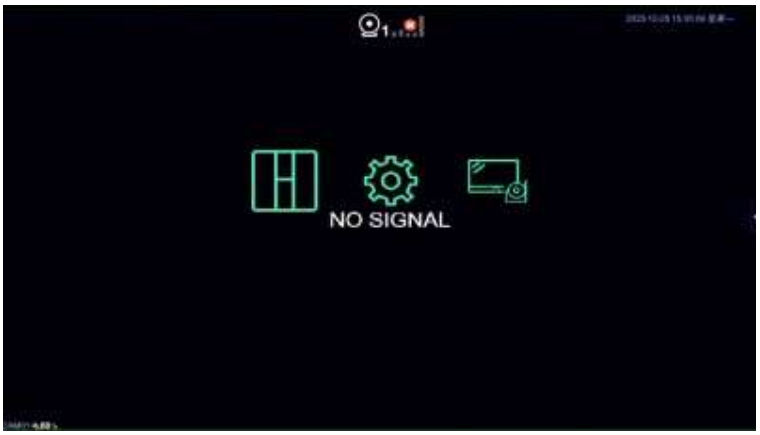
MENU	Enter the menu or return to the previous menu page.
<	Navigation button (Left). Used for selecting the menu items
>	Navigation button (Right). Used for selecting the menu items
OK	Confirm selection
MODE	Switch different display modes between CAM1-4 screen, dual or quad split screen.
N/P	Reserved for future use.

Wiring Diagram



Menu Setting

Press "**MENU**" to call out the main menu.



Select icon from the main menu to switch different channel display modes of the connected cameras.

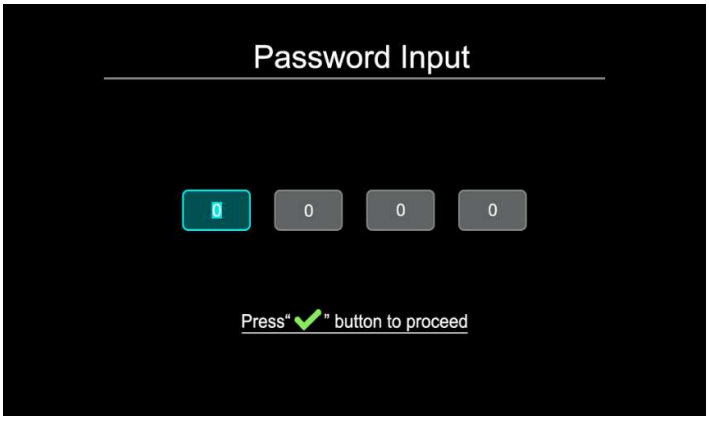
Choose CAM 1 to 4 for single channel full screen mode or multiple channel view (Dual, Quad) and channel scanning mode.

Establish connection with a camera

In main menu, select to enter the pairing page.

Paring Camera: Allow you to select a specific camera to be paired, press **<** or **>** to select the desired camera and press **OK** to confirm. After a short while, the “input password” page will pop up and the default password is "**0000**", press **OK** to confirm and complete the pairing process. A √ mark will be shown on the corresponding camera icon indicating that the process is successful.

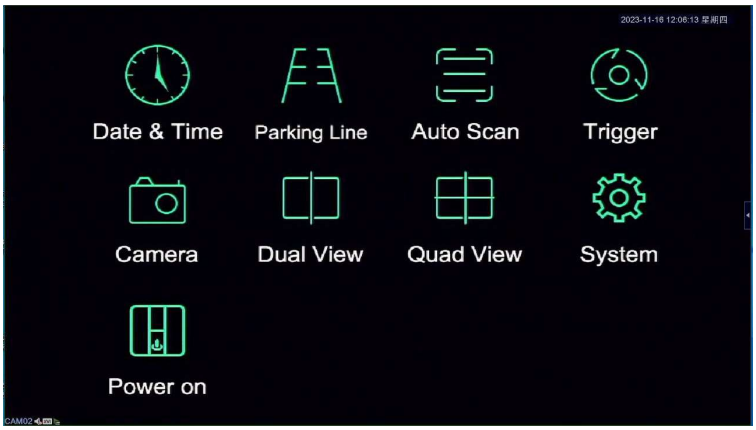
Delete Camera: Allow you to remove a paired (active) camera from the list, use the **< >** buttons to select the desired camera and press **OK** to confirm. After a short while, the “input password” page will pop up and the default password is "**0000**", press **OK** to confirm and complete the unpairing process.



***Note**: In case the password has been changed by the operator, you are required to enter a 4-digit password other than the factory default “0000”. You may use the "**MODE**" key to cycle through numbers 0-9, and then press "**<**" or "**>**" to move to next digit field. Press “**OK**” to confirm you input.*

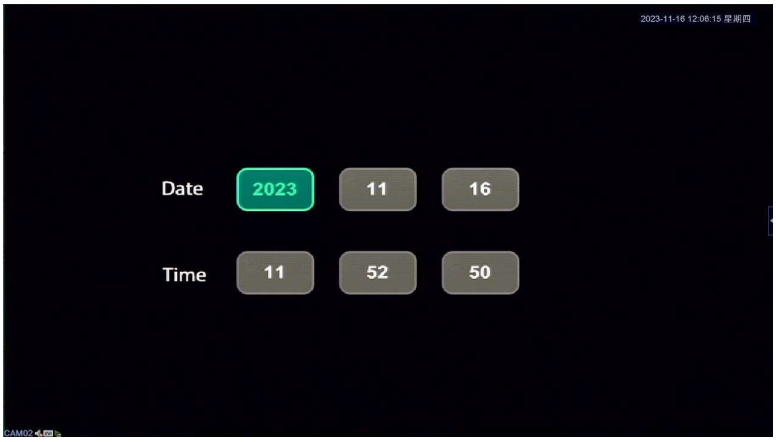
Changing the System Setting

In main menu, select to enter the main Setting page.



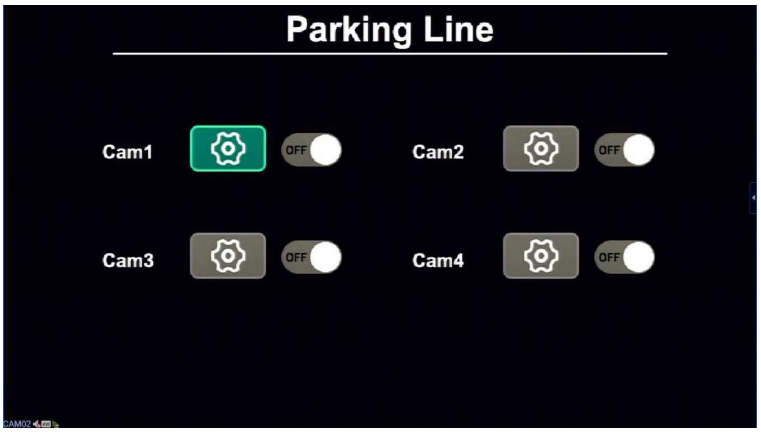
Date & Time: Select

to enter the date/ time setting page, select the field you wish to edit and press "OK" key to confirm, a numeric keyboard will pop-up which allows you to set the values. Use the “DEL” key to delete the current value and move to the left digit.



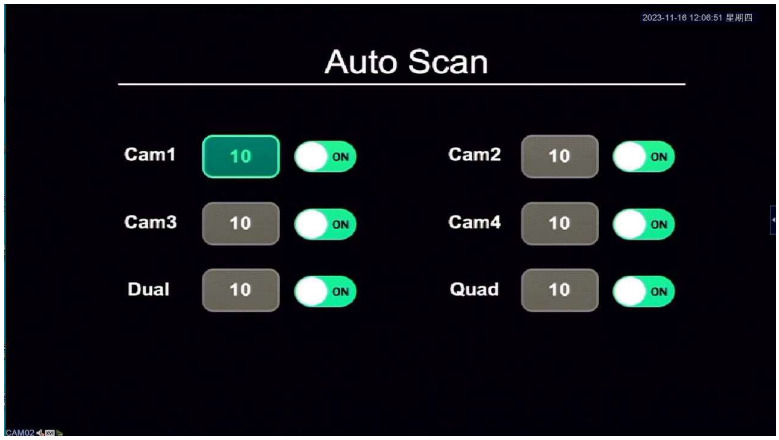
Parking Line: Select

to enable or disable which camera you would like this feature associate with. Select to adjust position of the parking line.



Auto Scan Select

to enable / disable the intended camera channels in the scanning sequence and also allows you enter a time interval (delay) value for which the corresponding camera channel remains showing on the screen within each scanning cycle.

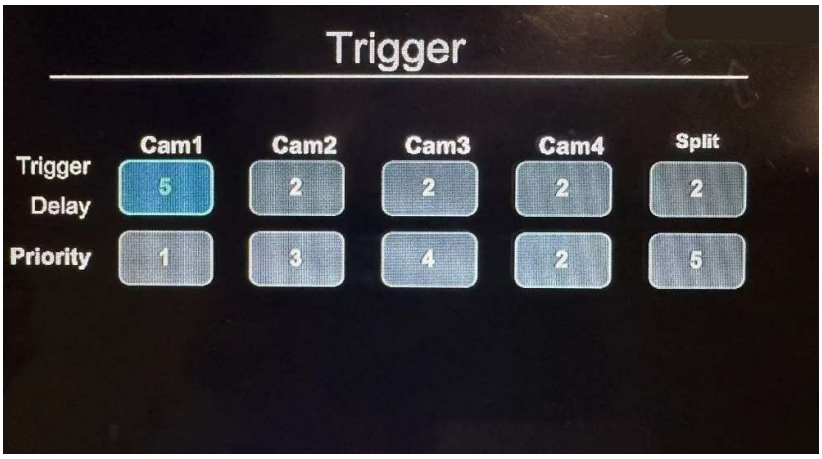


Trigger: Select

to change the trigger delay timer and trigger priority settings. Maximum value for trigger delay is 60 seconds and the trigger priority is used to prioritize the triggered camera channels in case of multiple trigger event occurred simultaneously.

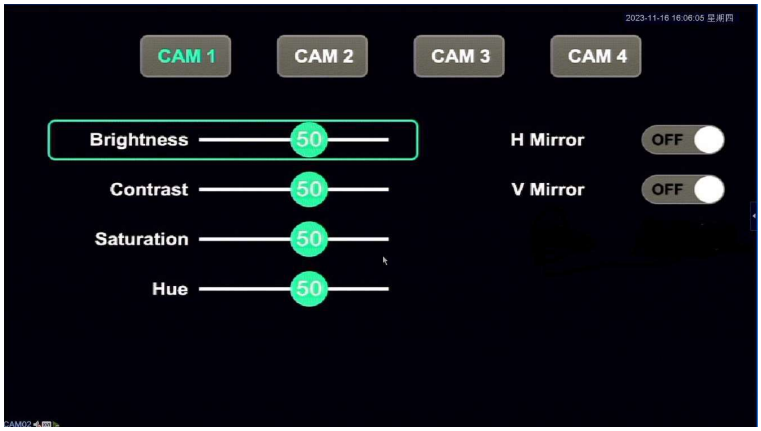
For example, if the values are set to 1, 3, 4, 2 and 5, then the trigger order (priority) will be CAM1>CAM4>CAM2>CAM3 > Split screen.

Note: A special case, CAM2 and CAM3 are commonly configured as Left/ Right cameras. In case of a hazard light trigger event, both CAM2 and CAM3 are triggered simultaneously and this will cause the system going into a double-division trigger mode (dual Split-screen) regardless of the trigger priority.



Camera Select

to enter the camera parameter settings. Select which camera and adjust the following settings such as Brightness, Contrast, Saturation and Hue. Each value range are 0 to 99 and the default value is 50. H Mirror present for Horizontal Mirror and V Mirror present for Flip (up side down).



Dual View Select

to assign which camera in dual view display mode

Quad View Select

to assign which camera for quad view display mode.

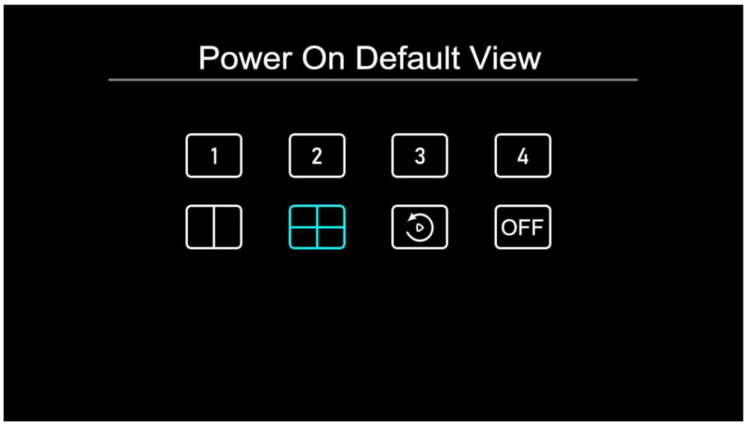
System: Select

to enter the system page, for factory reset (restore all system parameters to default) or viewing the current firmware version.

Note: System upgrade is currently reserved for manufacturer support use only.

Power ON : Select

to set the preferred display mode (default view) upon system power on. Where “OFF” means feature disabled and the system will memorize the last viewed mode/ channel as the default view for next power on cycle.



Troubleshooting

Symptom	Resolution
System does not turn on	Check whether the vehicle is in the ignition-on state and connect to system unit at 12v power energized.
Image is blurred or unclear	Check whether the lens cover has not been removed from original packaging, make sure no dust or dirty leave on lens surface. Check connection range between receiver and camera are suitable within specification usage.
Image is dark	Check whether the brightness and contrast are adjusted correctly.
System Crash	Restore the factory default setting and establishing camera connection.

FCC declaration of conformity

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are
designed to provide reasonable protection against harmful interference in a
residential installation. This equipment generates uses and can radiate radio
frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

END