Model:DF-776H20331-7W

720P Digital wireless system User Manual

①Power　②OK　③Left key / volume -　④Menu ⑤Right key / volume +
⑥Down(CH switch)　⑦Nameplate ⑧ Digital wireless camera
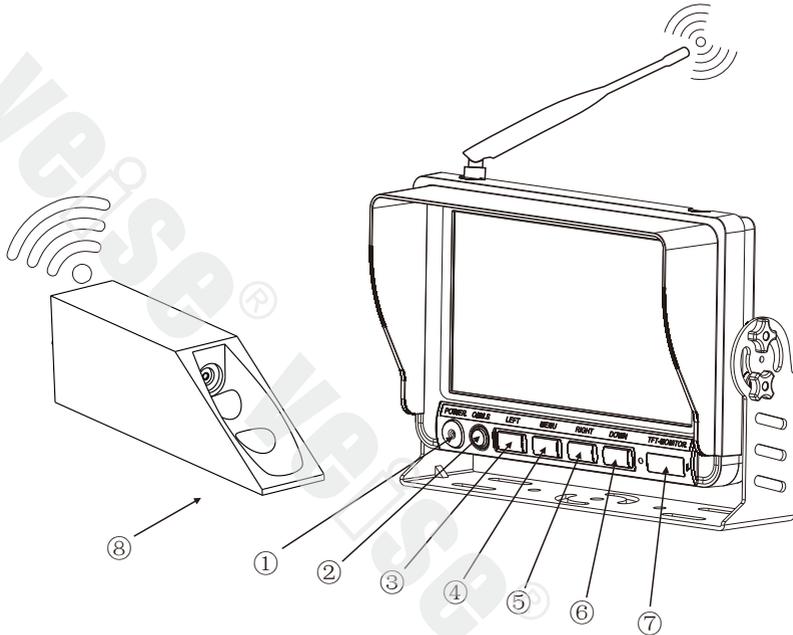
Features

★ABS monitor housing endure high temperature.

★7" High Resolution color 1024RGB(H) X 600(V) TFT‑LCD.

★ Power input:8V-32V DC.

★Monitor circuit has protector for battery reverse(+/-).

★LED backlight display with constant voltage constant current circuit protection. It can solve LED working temperature problems (the limit of LED backlight's current) and prolong life.

★Monitor OSD menu can set each channel camera image in 4 mode NOR/MIR/UP/DOWN;the priority for each mode; each trigger cable can be set to trigger to any display mode; time delay setting.

★Two channels digital wireless signal transmission. It supports sub-screen and two screens.

★ 720P Wireless car camera waterproof stainless steel forklift level IP69K.

Digital wireless system technical Parameters

Display Device	Color TFT-LCD
Size	7" Digital Screen
Operation Frequency	2400 ~ 2483.5MHz
Receiving Sensitivity	≤-86dBm(1MHZ QPSK MD300RE)
Resolution	1024×(RGB)×600
View Angle (LR/UD)	L/R: 60/70 U/D: 60/70
Contrast Ratio	500:1
Luminance(cd/m ^{2})	600
Response Time (ms)	25
Line of Sight Range	≤100M
Load Dump	DC 12+87V/400ms
Operating Temperature	-20℃~+60℃
Storage Temperature	-30℃~+80℃
operating voltage range Supply	DC8V~32V （5W Max）
Dimension（L x W x T）	(185X122X28mm)
Transmission Power	18dBm with Power control
Camera	720P Wireless waterproof and shockproof digital camera truck
Image Pick-up Device	1/3" Color CMOS
Picture Elements	1280(H)X960(V)
Horizontal Resolution	720P
Minimum illumination	0.1 Lux
View Angle	45°
Waterproof rating	IP69K
Shockproof Rating	10G
operating voltage range	DC12V
Dimension	127(W) x 37(H) x 24.5(D) mm

⚠ **Warning**

The system maintenance must be maintained by professionals, please do not open and improve the system!

The system is only for the safe operation of equipment and not responsible for accidents!

This manual is for reference only. if unknown, or any changes, we will give no notice.

The final interpretation right belongs to the manufacturer

Monitor Menu Operation
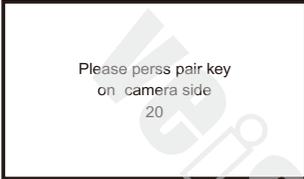
| On the code	Image Setting	Mirror settings	Automatic conversion settings	Function settings	Multi screen mode setting

Please perss pair key
on camera side
20

1) Code settings:
   Enter the menu, check the code options menu, press the confir
   mation button to start the code, display the code.Character
   Please perss pair Keyon camera side 20, pair code timeThe
   countdown is 20 seconds, the camera is recharged and waited
   for 5~10 seconds to display and photograph.The machine conn
   ects to the communication and displays the image normally.
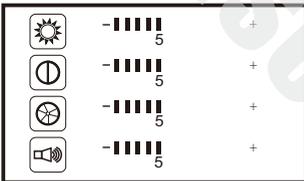
2) Image settings:
   Enter the menu, select the image settings options menu, press
   the confirmation button to enter the image settings:
   1. Brightness setting: 0-9 (left / right key adjustment step size)
   2. Contrast settings: 0-9 (left / right key adjustment step size)
   3. Color settings: 0-9 (left / right key adjustment step size)
   4. Volume control: 0-9 (left / right key adjustment step size)
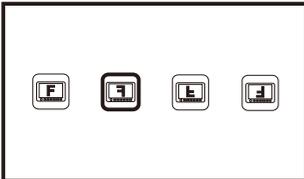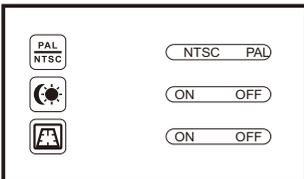
3) Mirror settings:
   Set the four states of the CAM1/CAM2 channel image:
   Positive image, mirror image, vertical flip image and vertical flip
   mirror,Default state: Positive image.
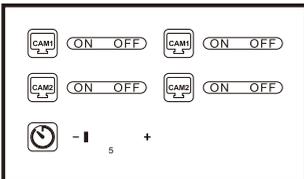
4) Automatic switch mode settings:
   1. Set up CAM1/CAM2 channel automatic switching mode to
      turn on and off;
   2. Set CAM1/CAM2 channel automatic
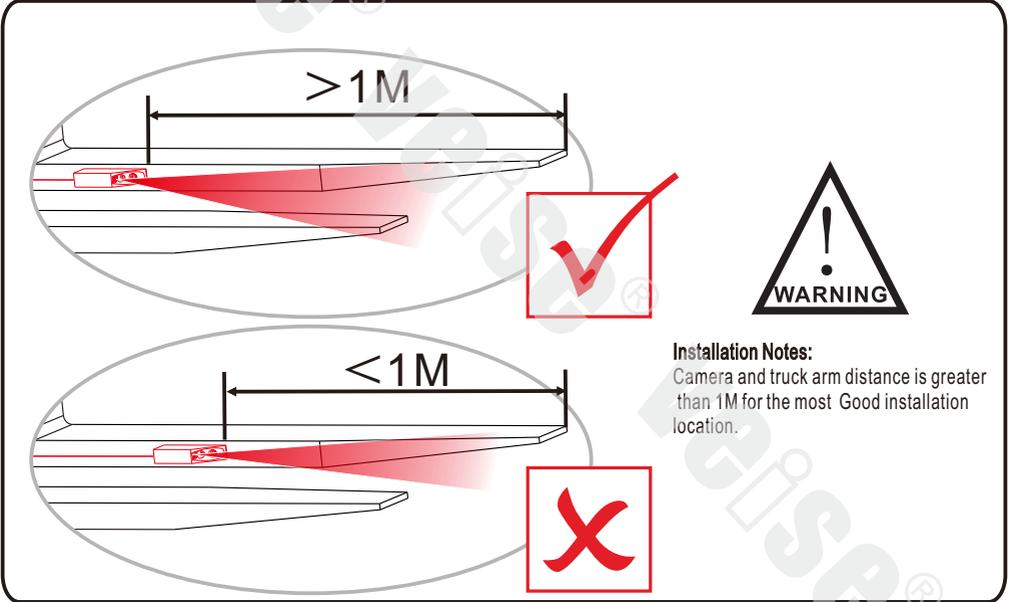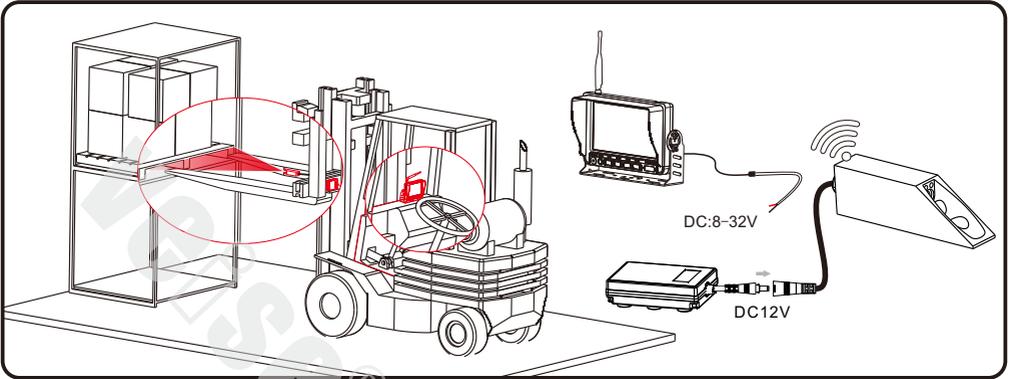   switching mode time value 5~45,Default state: 5S.

5) Function settings:
   1. Switch between NTSC and PAL，Default state:NTSC;
   2. Set up the LED screen environment light source mode to
      turn on and off;
   3. Reversing scale setting: set up CAM2 channel reversing
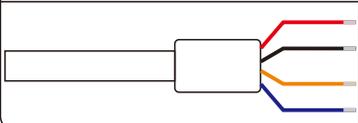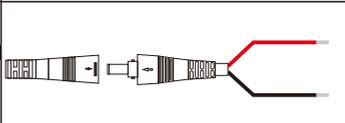   scale open and close.
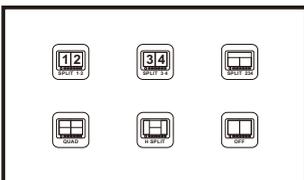
6) Multi screen mode display settings:
   1. Settings screen can be switched to two-screen display,
      open by default.

Applications

DC:8–32V

DC12V

>1M

<1M

WARNING

Installation Notes:
Camera and truck arm distance is greater than 1M for the most Good installation location.

Cable Interface Definition

Monitor		Camera	
	Red Power		Red Power
	Black Ground		
	Brown TIRG1		Black Ground
	Blue TIRG2		