

ARORA

Arora Technologies (P) Limited



Operation Manual
ATVISION PTZ

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Know Your Device



Packing List

Item	Name	Quantity
1	Camera Head (33mm)	1 pcs
2	Cable Reel (30 meter)	1 pcs
3	Camera Control Unit	1 pcs
4	Video Link Cable(6pin)	1 pcs
5	Meter Counter Link Cable(8pin)	1 pcs
6	Camera Skids	2 pcs
7	Keyboard	1 pcs
8	32GB USB Flash Drive	1 pcs
9	Charge Adaptor	1 pcs
10	COC & Operation Manual	1 pcs

How To Install Camera Skid

Step1: Loose The Screws



Step2: Install Skid To Camera Head



Step3: Rotate The Skid's Gap To Screws



Step4: Use Tool To Screw It Tightly



Camera Skids

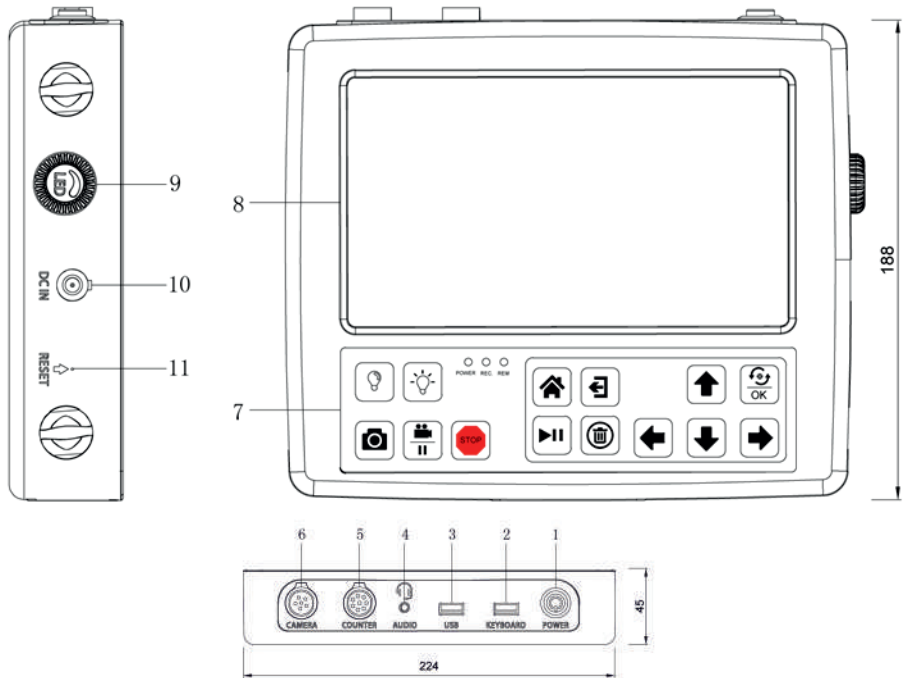


105mm



65mm

Camera Control Unit (CCU)



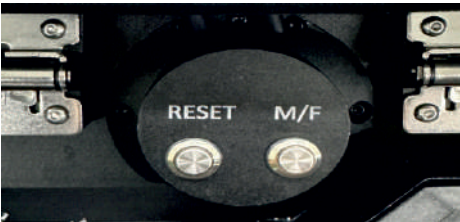
No.	Name	Function	How To Use
1	POWER	On/ Off	Press the button for 3 seconds to turn on /off the CCU
2	KEYBOARD	Connect wireless / wired keyboard	Insert 2.4G wireless keyboard adaptor
3	USB	Connect USB disk	Insert external USB disk to record & save the video & picture files. Please don't remove the USB flash disk when it is recording.
4	AUDIO	Earphone/Microphone	Insert the 3.5mm earphone
5	COUNTER	Meter counter port	Use 8pin link cable, one port to "COUNTER" port, the other to cable reel "Meter counter port".
6	CAMERA	Signal input port	Connect 6 pin link cable to cable reel
7	CONTROL PANEL	CCU MENU	To control camera & CCU functions
8	MONITOR	Display the image	8 inch HD screen
9	LED DIMMER	LED brightness	Adjust cameras LED brightness
10	DC IN	Charge for the battery	To connect external charger
11	RESET	Restart the CCU Unit	Incase the system get stuck

Remote Controller Functions

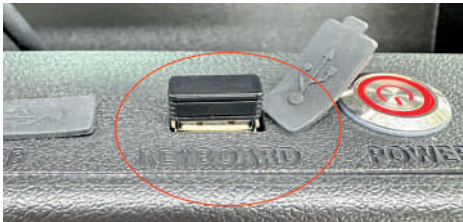


Button	Function
REC	Recording video
SNAP	Screenshot / Photography
▲	Up / Zoom in
▼	Down / Zoom Out
◀	Left/Backward(Playback Model)
▶	Right/Forward(Playback Model)
OK	Confirm
MENU	CCU Menu
STOP	Stop Recording
ESC	Exit
PLAY	Playback the video
DEL	Delete the video or picture file

Reel & Meter Counter Device Part



Keyboard Funtion



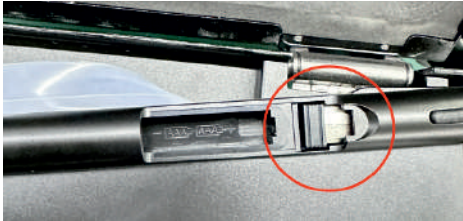
Reel Brake

Function	Details
RESET	Press this button, the counter is zero
M/F	Switch Meters and Feet; Default value is Meter

Insert the USB connector into Control box "keyboard" port.



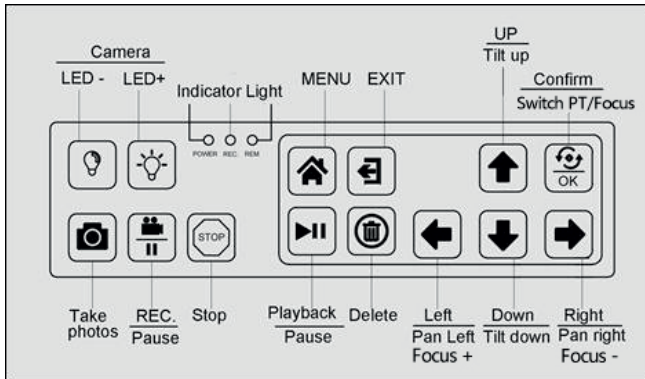
Lock : Put it down



Unlock: Pull it up

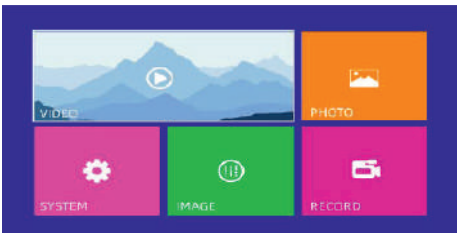
- F8 ----Display the character
- F9----Hide the character
- F10---Clear all character

Video Recording - Video & Photography Function Instructions



1. **Insert the USB** disk to USB port.
2. **Record The Video:** press "REC." button to record the video, press it again, pause recording and press "Stop" button to stop recording.
3. **Record The Audio:** Insert the external microphone to MIC port, and start recording the audio along with video recording.
4. **Take Pictures:** Press remote control "SNAP" button or control box "Take photos" button to take picture (No matter whether it is recording or not)
5. **Press MENU** button to enter the main menu, and choose "VIDEO" to play the video.
6. **Press MENU** button to enter the main menu, and choose "PICTURE" to scan the pictures.
7. **Rotation Camera Head:** press the direction arrows to pan tilt rotation
8. **Adjust The Focus Manually :** Press "Confirm" button to switch pan tilt rotation and manual focus. Then press "Left" / "Right" to adjust the focus.

Menu Functions



Press menu button to enter the main menu

1. **Video:** Playback the video file
2. **Photo:** Playback the picture file
3. **System:** Setting language, date, time
4. **Image:** Image setting, such as CVBS out, HDMI Resolution, brightness, chroma, contrast, noise reduction
5. **Record:** Video setting, such as video clip time, frame rate, compress, photo quality, record model, overwrite.

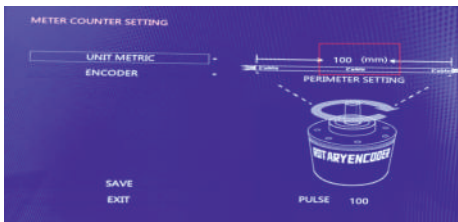
System Setting

Operating Instruction

- 1) Press menu button to enter main menu, then press **UP/DOWN/LEFT/RIGHT** arrow to choose the submenu
- 2) Press  button to confirm
- 3) Press  button to exit the submenu

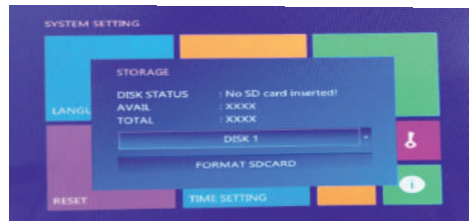


1. Language: Setting the menu language. It has 9 languages to choose.
(English, Chinese, French, Espanol, German, Polish, Korea, Russian & Italian)



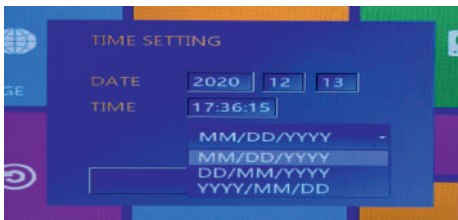
2. Encoder: Setting the counter value for 7mm fiberglass cable, the value is 100m.

3. Disk: Format the USB flash driver.
The default value is “DISK1”.



4. Reset: Restore the factory default Settings

5. Time Setting: Setting The Time, Date



Press **UP/Down/Left/Right** arrows to set the date and time. For date format, it has 3 different ways.

Press “**Save**” to save the setting

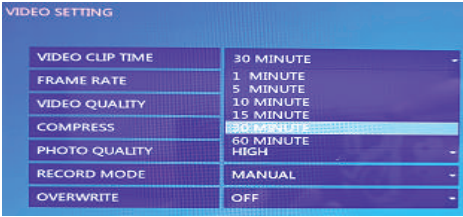
Image Setting:



Adjust the LCD screen brightness, Contrast
Default resolution:1280x720_60

Usually we suggest the customers don't
change these value

Record Setting



Video Clip Time:	1 MINUTE / 5 MINUTE / 10 MINUTE/15 MINUTE / 30 MINUTE / 60 MINUTE
Default Value:	30 MINUTE
Frame Rate:	NTSC 30FPS / PAL 25FPS
Video Quality:	It has 5 options. Usually we suggest Level 3. The level is bigger, the video resolution is higher
Compress:	H265
Photo Quality:	High / Middle / Low
Default Value :	High
Record Mode:	Manual / Auto
Default Value :	Manual
Overwrite:	OFF/ON
Default Value :	OFF

Troubleshooting Guide

Q : All parts are connected well, but there is no image on the screen.

A:



Find 1m test cable, connect camera to control box directly, please check if the camera has image.

Q: I Can't Typewrite Words

A: 1. Check the wireless keyboard battery is full or not.

2. Check the wireless keyboard receiver if it is inserted well. If not, please restart the system after reinserting

3. Please press below keys on the keyboard

F8---Display the character

F9--- Hide the character

F10-- Clear all characters

Q: The CCU can't read USB flash disk

A:Please use another USB flash disk to test. If its still can't read this, please contact us.

Q: The meter counter is not accurate

A:Please check if the counter value is correct or not.

Warranty Information

Above mentioned Model/Sr. No. when used in accordance with the manufacturer's written instructions and under normal operating conditions. is warranted to be free from defects in material and workmanship for a period of 12 Months from the date of sale. We, Arora Technologies (P) Limited undertakes to repair free of labor and material charges any unit that proves to be defective within this warranty period.

All repair work will be done at our authorized service center, provided that the defective unit is returned to us in a properly packed manner with all transportation charges prepaid. Any part or equipment replacement to be done will be at sole discretion of Arora Technologies (P) Limited.

This warranty shall not apply to equipment subjected to misuse or abuse, improper installation, alteration, neglect or accident. Excluded from this warranty are expendable items such as wear and tear, which are used in or along with the equipment.

Thank you for your business!

WE trust, we have catered as per your expectations...



Arora Technologies (P) Limited

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