

User's Manual

Videoscope with recording LCD Monitor

Model No.: SD-1030



Please read this manual carefully before using this product!

**I . Brief Introduction****1. General**

This Color Videoscope features an integration of display unit and tip articulation control; this enhances its convenience of operation. And it is one of the most affordable videoscope in the market today; let it gain the advantage over all the other complete products. It has a TFT LCD monitor with rotary knobs mounted on the right side for all directional articulation control of tip. Shown with included 3.5" TFT LCD Display, integral control unit with High Intensity LED Super-White Light source, Industry standard Composite video signal output allows connection to video recorders to store your inspection results.

2. Application:

Automotive repairs ;Marine & boating repairs ;Engine Inspection & Diagnostics, transmissions, differentials ;Engine Inspection & Diagnostics, transmissions, differentials Heavy Duty Trucking Industry ;Building Inspection ;Pipe & Tank Inspection ;Boiler Inspection ;Internal corrosion, crack inspection of pipes ;Anti-terrorism , Security applications for police and customs, etc.

II Main technical parameters**Video System**

- CCD TYPE
- Focus: Auto

Storage System

- Video format: MPEG4/MJPEG
- Picture format: MJPEG



- Memory Card: 4G

Display Systems

- 3.5" high-brightness TFT monitor

3.5"

- Resolution: 960*240

III. Components and Functions

1. ★Components of camera



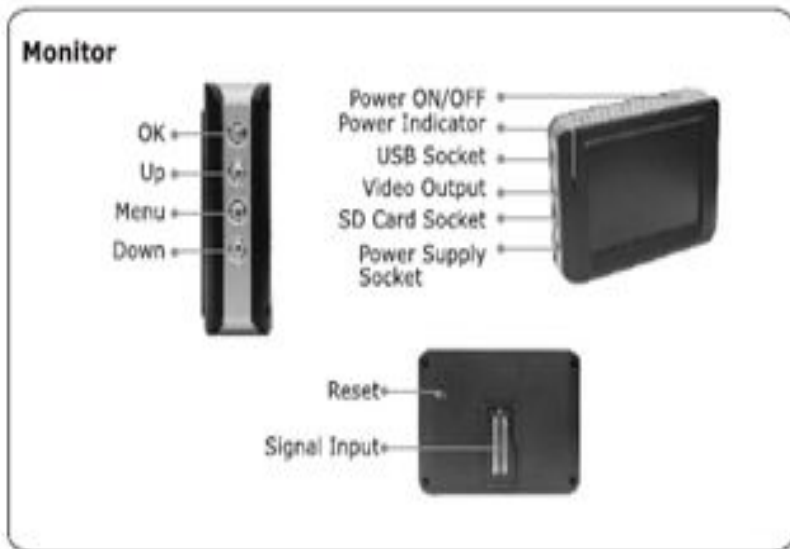
30mm Camera and 9 LEDS



★ go into the pipe with bends



2. Display controller



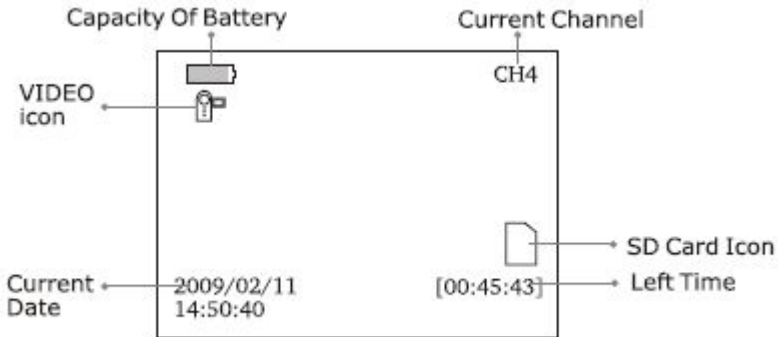
3.5 inch TFT Monitor



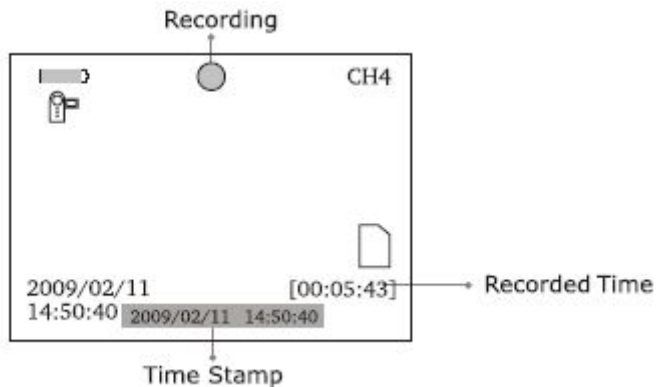
V. Operation and Settings for Monitor

Record Video

1. In the real-time monitoring status, press button to enter VIDEO status as following:



2. Press OK button to record as following:




3. Press OK button again to stop recording.
Notice

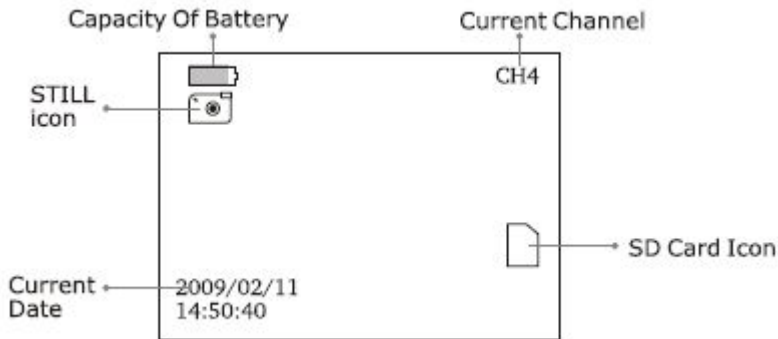


* The Video will be automatically saved as a file every 30 minutes.

* SD card is full when the SD card icon change to "F".

Take photo


1. In the real-time monitoring status, press  button to switch to photo taking status as following:



2. Press OK button to take photo

Notice! When SD card icon change to "F", which means SD card is full.

Play Video/Picture

1. In the real-time monitoring status, press  button to enter into the following interface:

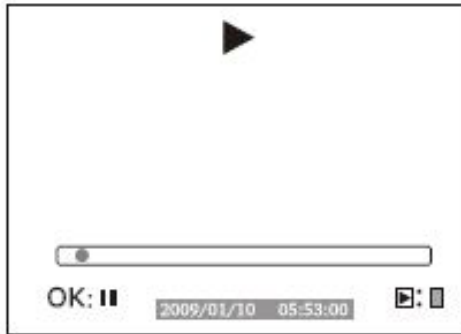


PLAYBACK	0001/0007
2009-01-10	
2009-01-11	
2009-01-12	
2009-02-05	
2009-02-09	
2009-02-11	

- 2. Press ▲ or ▼ button to select folder, then press OK button to enter into it:

2009-01-10	0002/0005
05:53:00	CH4
05:53:00	CH4 "
05:53:03	CH4
05:56:40	VID
05:59:03	CH4 "
06:05:17	VID "

- 3. For video
Press ▲ or ▼ button to select video, then press OK button to play as following interface.



Pause: press OK button in playing status to pause;

Press again to resume;

Fast Forward: press ▲ button in playing status;

Fast Backward: press ▼ button in playing status;

Stop/Exit: press ≡ button.

For Picture

Press ▲ or ▼ button to select picture, then press OK to display; press OK button again to exit.

Delete Video/Picture

1. In the real-time monitoring status, press ≡ button to enter into the following interface:

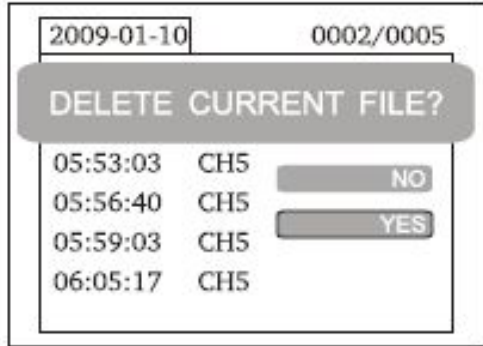


PLAYBACK	0001/0007
2009-01-10	
2009-01-11	
2009-01-12	
2009-02-05	
2009-02-09	
2009-02-11	

2. Press ▲ or ▼ button to select folder, then press OK button to enter into the following interface:

2009-01-10	0002/0005
05:53:00	CH4 "
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05:53:03	CH4
05:56:40	VID
05:59:03	CH4 "
06:05:17	VID "

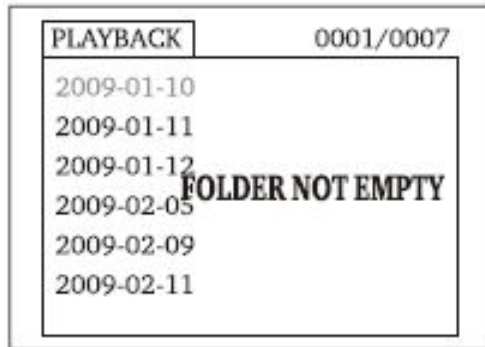
3. Press ▲ or ▼ button to select file, press and hold on ☰ button for 2 seconds will enter into the following interface:



- 4. Press ▲ or ▼ button to select "YES", then press OK button will be deleted has been selected by the file; "NO" will be exit.

Delete Folder

Delete folder is the same as delete the file, but make sure the folder is empty, otherwise not delete it and appear a warning interface:



How to enter the Setting Mode

In the real-time monitoring status, press ☰ button or

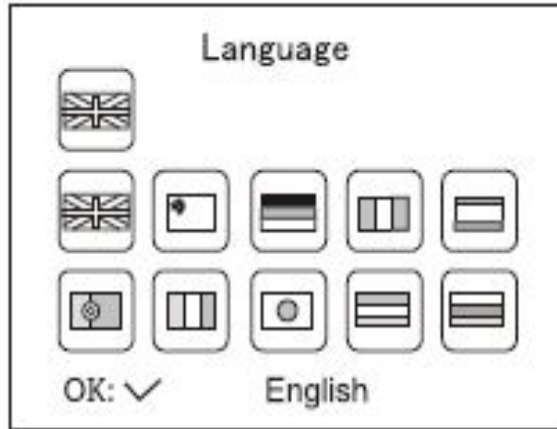


about 1~2 seconds to enter into the setting interface as following:



Language setting

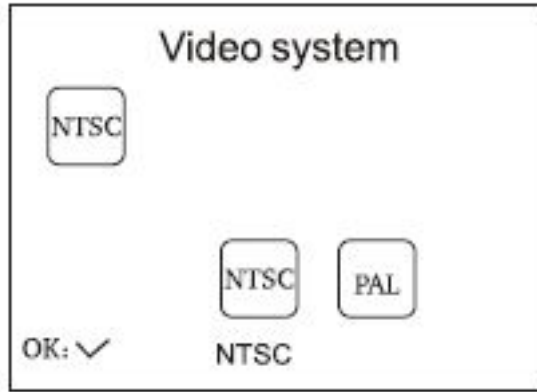
1. In the setting mode, press ▲ or ▼ button to select "system setting" ,press OK button to enter;
2. Press ▲ or ▼ button to select "language" , press the OK button to enter into the following interface:



3. Press ▲ or ▼ button to select a suitable language.
4. Press OK button to confirm and exit.

Video System Setting

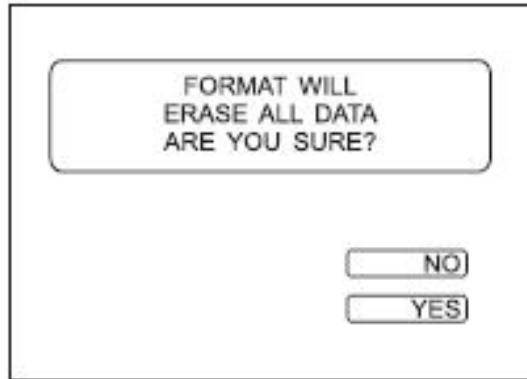
1. In the setting mode, press ▲ or ▼ button to select "system setting", press OK button to enter;
2. Press ▲ or ▼ button to select "Video System", press OK button to enter into the following interface:



3. Press ▲ or ▼ button to select right type, press OK button to confirm and exit.

Format 格式

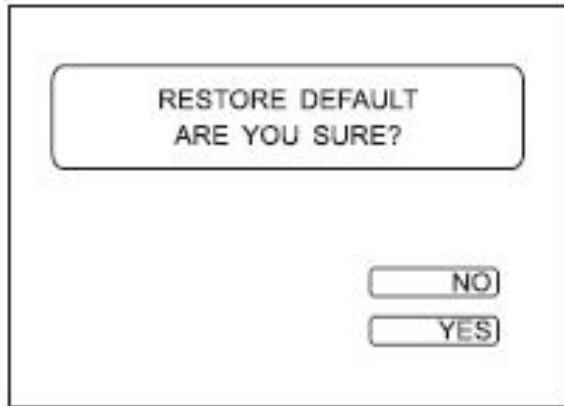
1. In the setting mode, press ▲ or ▼ button to select "system setting", press OK button to enter;
2. Press ▲ or ▼ button to select "Format", press OK button to enter into the following interface:



3. Press ▲ or ▼ button to select "YES", then press OK button will erase all data, "NO" will be exit.

Default Setup

1. In the setting mode, press ▲ or ▼ button to select "system setting", press OK button to enter;
2. Press ▲ or ▼ button to select "Default Setup", press OK button to enter into the following interface:



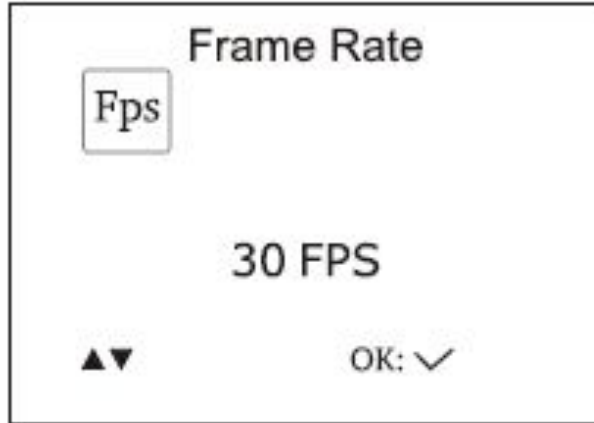
3. Press ▲ or ▼ button to select "YES", then press OK button will restore default; "NO" will be exit.

View Version Information

1. In the setting mode, press ▲ or ▼ button to select "system setting" ,press OK button to enter;
2. Press ▲ or ▼ button to select "Version", press OK button to enter and view the version of product.

Frame Rate Setting

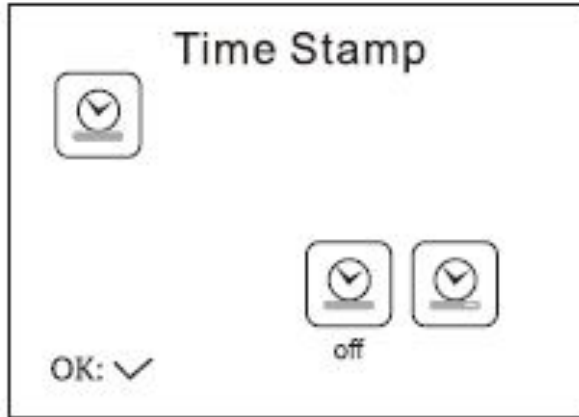
1. In the setting mode, press ▲ or ▼ button to select "RECORDER SETTING", press OK button to enter.
2. Press ▲ or ▼ button to select "Frame Rate" , press OK button to enter into interface:



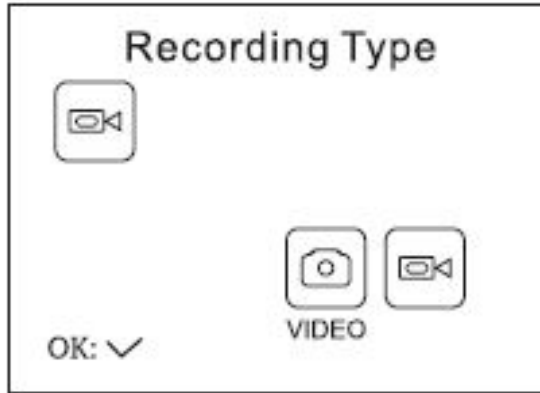
3. Press ▲ or ▼ button to select suitable frame rate;
4. Press OK button to confirm and exit.

Time Stamp Setting

1. In the setting mode, press ▲ or ▼ button to select "RECORDER SETTING", press OK button to enter;
2. Press ▲ or ▼ button to select "Time Stamp", press OK button to enter into the following interface:



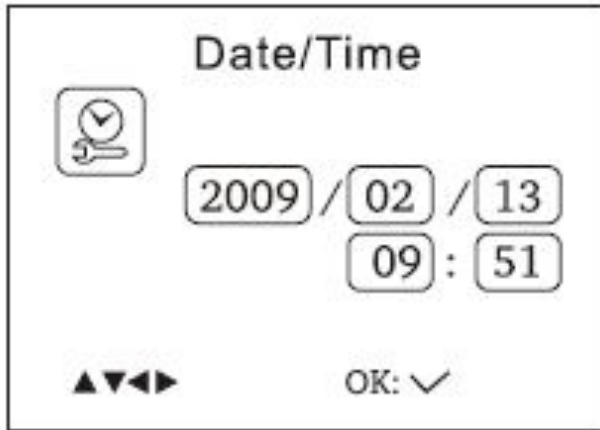
3. Press ▲ or ▼ button to select "Off" 、 "on", press OK button to confirm and exit.
1. In the setting mode, press ▲ or ▼ button to select "RECORDER SETTING" ,press OK button to enter;
2. Press ▲ or ▼ button to select "Recording Type", press OK button to enter into the following interface:



3. Press ▲ or ▼ button to select "STILL" 、"VIDEO", press OK button to **confirm** and exit.

Date/Time Setting

1. In the setting mode, press ▲ or ▼ button to select "Date/Time", press OK button to enter into the following interface.



2. Press OK button to select Date or Time;
Press ▲ or ▼ button to modify;
Press ☰ button to confirm and exit.

EVENT PLAYBACK

In the setting mode, press ▲ or ▼ button to select "EVENT PLAYBACK", press OK button to enter.