

HEAVY DUTY WATERPOOF 7" MONITOR



Safety Instructions

Do not use a damaged or loose connector.

- This may cause an electric shock, short circuit or fire

Do not pull the connector by the wire or touch the connector with wet hands

- This may cause an electric shock, short circuit or fire

Do not place the monitor face down.

- The TFT-LCD surface may be damaged.

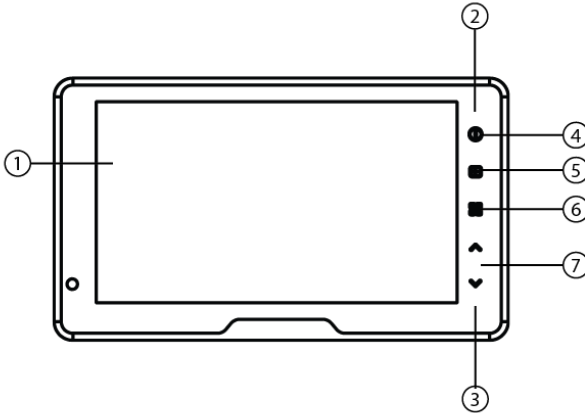
Do not spray detergent directly on the monitor.

- Use recommended LCD cleaning solution with a smooth cloth.

Do not open the monitor.

- In case of problems, contact your local reseller or 1-800-648-8132


1. TRACK-VISION MONITOR



- ① LCD SCREEN: WVGA (800x480)
- ② DAYLIGHT SENSOR: Automatic brightness control sensor
- ③ TOUCH KEYS: Power, Enter, Menu, Up, Down

2. KEY FUNCTIONS

④ POWER

- Press  button to turn the monitor on / off.


⑤ ENTER







- Press  button for viewing

CAM1 -> CAM2 -> CAM3 -> CAM4 -> SPLIT1 -> SPLIT2 -> SPLIT3

- In the setting menu, sub menu data is changed by pressing  button.



⑥ MENU

- Press  button to enter display menu (press quickly the button) and to access setting menu (hold the button few seconds)

- Press  to switch as below steps.
DISPLAY MENU : BRIGHT -> CONTRAST -> COLOR -> SHARPNESS -> TINT->
(Marker width) -> (Marker height)
 - Press  to switch as below steps in the setting menu.
SETTING MENU: CAMERA1 -> CAMERA2 -> CAMERA3 -> CAMERA4
-> SPLIT1 -> SPLIT2 -> SPLIT3 -> SYSTEM CONIFG.
- ④ UP/DOWN  
- Press   button to move sub menu where want to change.
LEVEL: 0~60








3. DISPLAY MENU

- Press  button to enter display menu (press quickly the button).
- Press  button to switch as below steps.

BRIGHT -> CONTRAST-> COLOR ->SHARPNESS -> TINT

(If operation button is not selected within 10 seconds, the OSD will disappear automatically).

LEVEL: 0~60



■ BRIGHT		[30]
■ CONTRAST		[30]
■ COLOR		[30]
■ SHARPNESS		[30]
■ TINT		[30]

When marker display is activated, user can adjust marker width and height.



LEVEL: 0~60

■ MARKER WIDTH		[30]
■ MARKER HEIGHT		[30]

4. SETTING MENU

- Press  button to enter setting menu (hold the button few seconds).
- Press  to switch as below steps in the setting menu.

SETTING MENU: CAMERA1 -> CAMERA2 -> CAMERA3 -> CAMERA4
-> SPLIT1 -> SPLIT2 -> SPLIT3 -> SYSTEM CONIFG.

- Press  button to move sub item where want to change.
- Press  button to change sub menu value.

(If operation button is not selected within 10 seconds, the OSD will disappear automatically).

1) CAMERA SETTING MENU

CAMERA1 SETTING	
<input type="checkbox"/> MIRROR	:OFF
<input type="checkbox"/> UPSIDE DOWN	:OFF
<input type="checkbox"/> TRIGGER ENABLE	:ON
<input type="checkbox"/> TRIGGER SUSTAIN	:02sec
<input type="checkbox"/> MARKER DISPLAY	:TRIGGER
<input type="checkbox"/> MARKER TYPE	:TypeA
<input type="checkbox"/> ASPECT RATIO	:16:9

① MIRROR: ON/OFF

ON: Mirror OFF: Normal

② UPSIDE DOWN: ON/OFF

ON: Upside down OFF: Normal

③ TRIGGER ENABLE: ON/OFF

ON: If there is a trigger signal input, the connected screen (Trigger input screen) is displayed.

④ TRIGGER SUSTAIN: 0~20 sec

Each trigger's delay time is adjustable from 0sec to 20sec.

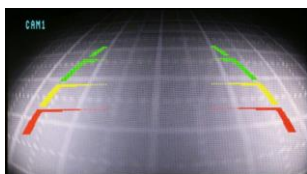
⑤ MARKER DISPLAY: Off/ Trigger/ Always

TRIGGER: Distance line display when trigger signal input.

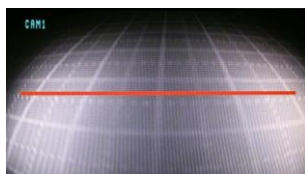
ALWAYS: Display always distance line.

⑥ MARKER TYPE: Type A / Type B

Type A



Type B



⑦ ASPECT RATIO: 16:9/ 4:3

Screen aspect



2) SPLIT SETTING MENU

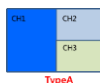
■ SPLIT1 SETTING	
<input checked="" type="checkbox"/> SPLIT MODE	:QUAD
<input checked="" type="checkbox"/> SPLIT TYPE	:TypeA
<input checked="" type="checkbox"/> AUDIO SEL	:CAM1
<input checked="" type="checkbox"/> CH1	:CAM1
<input checked="" type="checkbox"/> CH2	:CAM2
<input checked="" type="checkbox"/> CH3	:CAM3
<input checked="" type="checkbox"/> CH4	:CAM4

① SPLIT MODE : DUAL/ TRIFORM/ QUAD

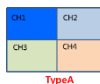
DUAL: Split screen



TRIFORM : Triple screen

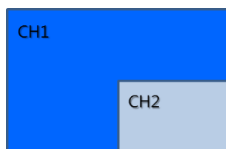
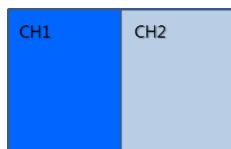


QUAD : Quad screen

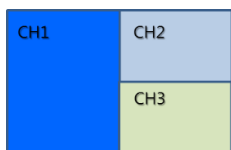


② SPLIT TYPE : TypeA / TypeB

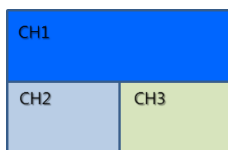
DUAL



TRIFORM



TypeA



TypeB

QUAD



TypeA



TypeB

© AUDIO SEL: Off/ CAM1/ CAM2

CAM1: Audio source is CAM1.

CAM2: Audio source is CAM2.

3) SYSTEM CONFIG MENU

SYSTEM CONIFG	
<input checked="" type="checkbox"/> AUTO POWER	:ON
<input type="checkbox"/> AUTO DIMMER	:OFF
<input type="checkbox"/> AUTO SWITCHING	:OFF
<input type="checkbox"/> SPEED SWITCH	:OFF
<input type="checkbox"/> LANGUAGE	:ENGLISH
<input type="checkbox"/> FACTORY RESET	:Ver1.0

① AUTO POWER: On/ Auto/ Off

ON: When power is input, screen is displayed automatically.

AUTO: Follow last selected condition.

② AUTO DIMMER: On/ Off

ON: Automatic brightness control sensor.

③ AUTO SWITCHING: On/ Off

ON: Screen switches from cam 1 to split3 mode automatically. When auto switching is ON, user can set each camera switching delay time.

④ SPEED SWITCH (Option): On/ OFF

The selected camera screen display automatically at over certain speed that user set in advance.

⑤ LANGUAGE (7 languages available): English/ Français/ Nederlands/ Suomi/ Svenska/ Norsk/ Korea.

⑥ FACTORY RESET: Ver1.0

4) SPEED SWITCH SETTING (OPTION)

■ SPEED SWITCH SETTING	
■ FREQUENCY(Hz)	:67
■ CH for UNDER FREQUENCY	:CAM1
■ OVER FREQUENCY ACTION	:OFF
■ CH for OVER FREQUENCY	:CAM2

- When speed switch is ON in system config, user can set sub item value in speed switching setting.
- The selected camera screen display automatically at over certain speed that user set in advance.

① FREQUENCY(Hz): 10~1kHz (level)

Set the standard frequency value (speed).

② CH for UNDER FREQUENCY: CAM1~SPLIT3

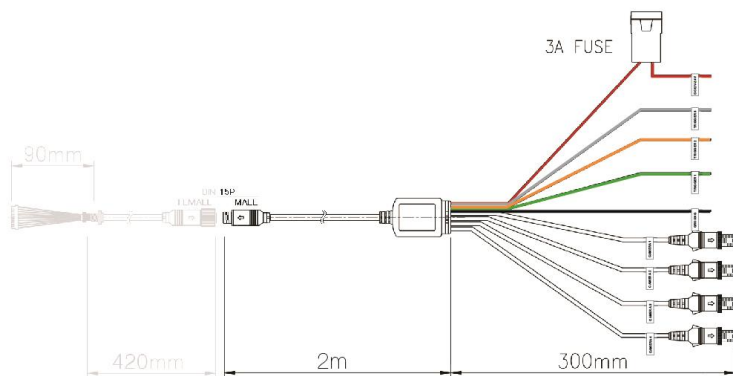
Select camera screen for under frequency value.

③ OVER FREQUENCY ACTION: On/ Off

When vehicle speed is over frequency value, user can select another camera screen.

④ CH for OVER FREQUENCY: CAM1~SPLIT3

Select camera screen for over frequency value.



SPECIFICATIONS

Power Input	DC 10V~32V
Power Consumption	Max. 12 Watt
Video System	NTSC / PAL compatible
Panel	7" Diagonal
Resolution	800 (H) x 480 (V) x 3 (RGB)
Format	16:9 or 4:3 wide
Camera input(4CH)	Mini DIN 4P, 1Vp-p 75Ω
Operating Temp.	-30 °C ~ +80 °C
Storage Temp.	-40 °C ~ +90 °C
Vibration	6G
OSD Control	Day & Night Sensor & Sharpness Bright, Contrast, Color, Sharpness, Tint Mirror/ Normal, Day/ Night Mode/ Scale *Individual Control per Channel available
Dimension	240 (W) x 142 (D) x 22 (H) mm
Weight	Approx. 900g

