

HEAVY DUTY WATERPOOF 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.

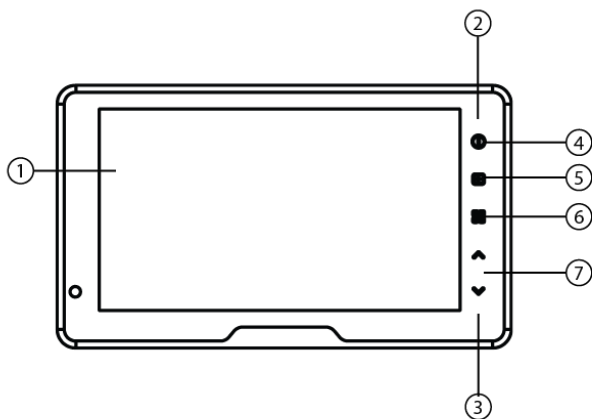
Do not spray detergent directly on the monitor.

- Use recommended LCD cleaning solution with a smooth cloth.

Do not open the monitor.

- In case of problems, contact your local reseller or RMT at 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

VOLUME		[30]
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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.
OFF

④ TRIGGER SUSTAIN: 0~20sec

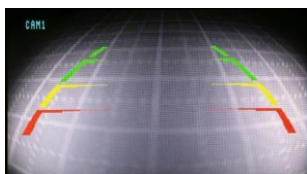
Each trigger's delay time is adjustable from 0sec to 20sec.

⑤ MARKER DISPLAY: OFF/TRIGGER/ALWAYS

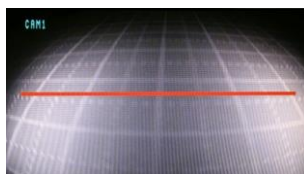
TRIGGER : Distance line display when trigger signal input.
ALWAYS : Display always distance line.

⑥ MARKER TYPE: Type A / Type B

Type A



Type B



⑦ ASPECT RATIO: 16:9 , 4:3

Screen aspect

16:9



4:3



2) SPLIT SETTING MENU

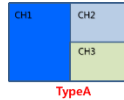
■ SPLIT1 SETTING	
▣ SPLIT MODE	:QUAD
▣ SPLIT TYPE	:TypeA
▣ AUDIO SEL	:CAM1
▣ CH1	:CAM1
▣ CH2	:CAM2
▣ CH3	:CAM3
▣ CH4	:CAM4

① SPLIT MODE : DUAL/ TRIFORM/ QUAD

DUAL : Split screen



TRIFORM : Triple screen

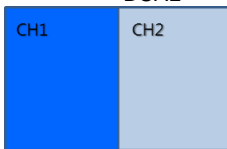


QUAD : Quad screen

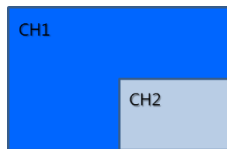


② SPLIT TYPE : TypeA/ TypeB

DUAL

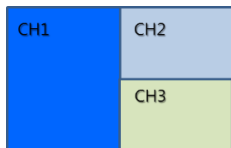


TypeA

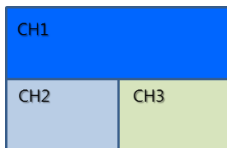


TypeB

TRIFORM

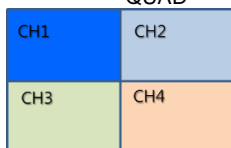


TypeA

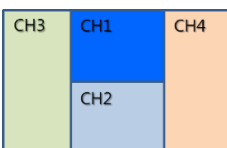


TypeB

QUAD



TypeA



TypeB

- ③ AUDIO SEL : OFF/ CAM1
- CAM1 : Audio source is CAM1.

3) SYSTEM CONFIG MENU

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

- ① AUTO POWER : ON/AUTO/OFF
- ON : When power is input, screen is displayed automatically.
- OFF
- 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: ON/OFF (Option)

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

⑤ LANGUAGE : ENGLISH/ FRANCAIS/ NEDERLANDS/ SUOMI/ SVENSKA/ NORSK/ KOREA. (7 languages available)

⑥ FACTORY RESET: Ver1.0

※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

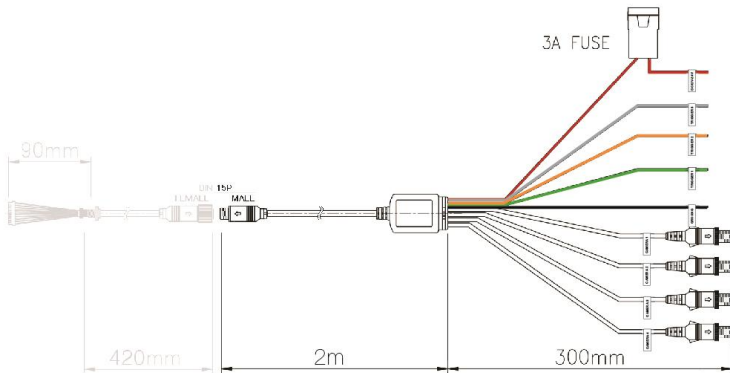
Select camera screen for under frequency value

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. 12Watt
Video System	NTSC / PAL compatible
Panel	9" Digital
Resolution	800 (H) x 480 (V) x 3 (RGB)
Format	16:9 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