

# Panel Mount Full IP65/NEMA4 Water Proof LCD

Panel Mount with Resistive TouchScreen and Full IP65/  
NEMA4 Water Proof 15" LCD  
(Model: LMR-1900TR)

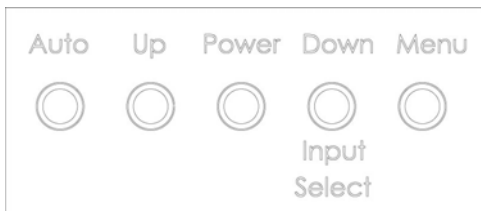
## Features:

- IP65 Front and Rear Waterproof
- 19" Industrial LCD Panel
- 2 Video RCA/BNC Inputs
- 1 Audio RCA/BNC Output
- Low Power Consumption
- 5 Wire Resistive Touch Screen

## Specifications:

<b>DISPLAY SCREEN</b>	
SIZE	19 " TFT (Diagonal)
Active Area	376.3(W) x 301.0 mm(H)
ELEMENT	Color TFT LCD
RESOLUTION	1280 x 1024 maximum
LCD Display Color	16.7M colors
DOT PITCH	0.294 x 0.294 mm
<b>POWER SOURCE</b>	AC/DC Adapter 12 V
<b>POWER CONSUMPTION</b>	12V 1.47A 17.64W
<b>OPERATING TEMPERATURE</b>	0°C ~ 50°C
<b>STORAGE TEMPERATURE</b>	-20°C ~ 60°C
<b>BRIGHTNESS</b>	360 cd/m <sup>2</sup>
<b>RESPONSE TIME</b>	5 ms (Rising+Falling)
<b>CONTRAST</b>	1000 : 1
<b>VIEWING ANGLE</b>	Vertical Up70° Down 70°, Horizontal : ± 750°
<b>INPUT SIGNAL</b>	Audio / Video Composite: NTSC/PAL/SECAM 1 Vp-p. 75Ω RCA x 1 S-Video socket x 1 PC RGB Analogue Input 15 Pin D-Sub x1
<b>PLUG &amp; PLAY</b>	VESA DDC2B
<b>GREEN FUNCTION</b>	VESA DPMS
<b>OSD CONTROL FUNCTION</b>	Brightness, Contrast, Color, Volume, Mute
<b>OVER ALL DIMENSION</b>	483.0 x 399.0 x 52.0 (mm)
<b>REGULATIONS</b>	Safety: CE, FCC meet
<b>WEIGHT</b>	12.0 Kgs

## ON SCREEN DISPLAY SETTINGS (OSD)



- To turn on the OSD menu: Press power button. Press Menu button.
- When OSD menu is on .
- Select option within icon menu: Use up or down buttons. Then press Menu to make select.
- Increase/decrease setting : Use up or down buttons.
- To load the presetting (default setup) : Use menu button and power button. (menu +power button )

## Model: LMR-1040HBTR



## FRONT Features

**HB Options: High Brightness & High Contrast LCD:** Offers superior readability under sunlight. High Brightness (All Above 1000 nits) and contrast ratio assure excellent visibility even in bright outdoor environments.

**Left and Right Front Panel Mounting holes**

**Front Power On/off Switch:**



**IP65/NEMA4X front and back Bezel:** It will stand up to harsh, wet and dirty environments, Falling dirt, rain, sleet, snow, windblown dust, external ice formation, splashing water, hose-directed water.

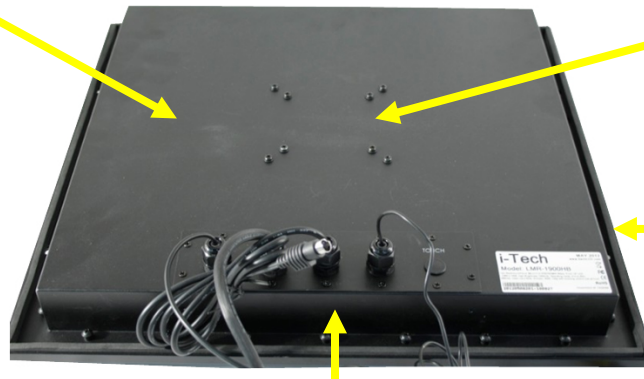
**Front Protection Glass**

**Front Dimming Knob:** Changing brightness control.

**Front Water proof OSD:** Auto, Up, Power, down/Input Select/ Menu

## BACK Features

**IP65/NEMA4X front and back Bezel:** It will stand up to harsh, wet and dirty environments, Falling dirt, rain, sleet, snow, windblown dust, external ice formation, splashing water, hose-directed water.



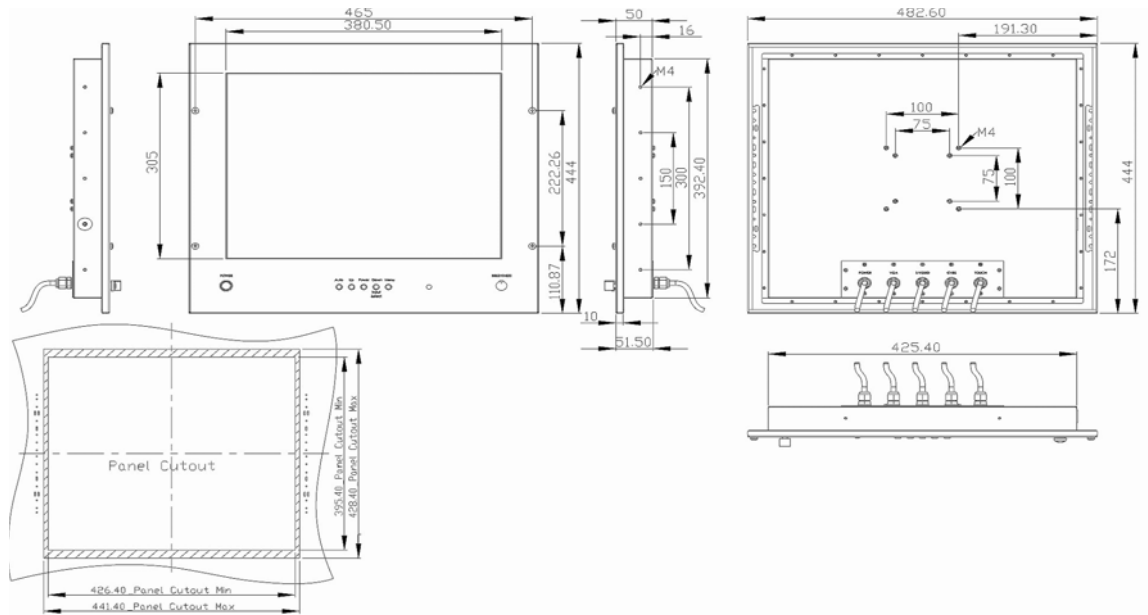
**VESA Mounting**

**Panel Mount Gas Gasket for waterproof**

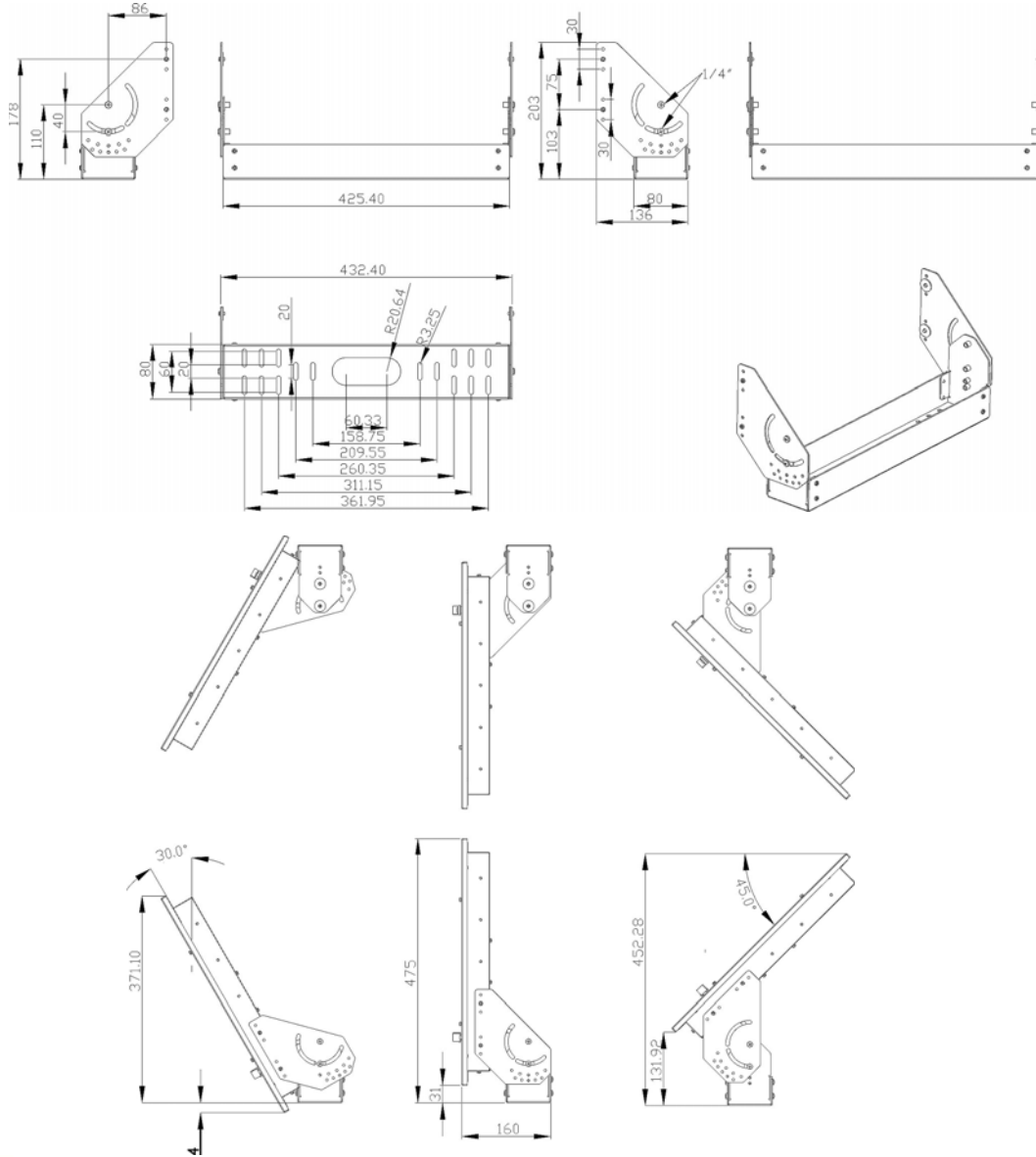
**All Water proof connection:** Power, VGA, S-Video, CVBS, Optional Touch.



## Mechanical Drawing Monitor



## Mechanical Drawing Monitor



**VGA SUPPORT TABLE**

Resolution	Horiz. Freq.(KHz)	Vert. Freq.(Hz)	Polarity
640X350	31.46	70	+/-
	37.86	85	+/-
720X350	31.46	70	+/-
	37.86	85	+/-
640X400	31.46	70	-/+
	37.93	85	-/+
	24.82	56	-/+
720X400	31.46	70	-/+
	37.86	85	-/+
640X480	31.46	59.9	-/-
	35.00	66.6	+/-
	37.86	72.8	-/-
	37.50	75.0	-/-
	43.27	85.0	-/-
800X600	35.15	56.2	+/+
	37.87	60.3	+/+
	48.07	72.2	+/+
	46.87	75.0	+/+
	44.40	70.0	+/+
	53.67	85.0	+/+
832X624	49.72	74.5	-/-
1024X768	48.36	60.0	-/-
	56.47	70.1	-/-
	58.08	72.9	
	60.02	75.0	+/+
	68.68	84.9	+/+
1152X864	54.90	60.0	
	64.19	70.2	+/+
	67.50	75.0	-/-
	76.30	80.0	
	77.09	84.9	
1280X1024	64.60	59.9	+/+
	63.98	60.0	-/-
	74.40	59.3	
	78.72	74.0	
	79.97	75.0	