NEMA4x/IP65 Stainless Steel Panel Mount with Glass (Front Bezel 3mm), Wide 7" LCD monitor, 800 x 480, 400nits -30C ~ 80C VGA + HDMI Input, Side OSD, including rear screw/Clamp/VESA Mount Power 12VDC-IN w/Adapter

MODEL: ESPMW700H

ESPM Series: Front NEMA4/IP65 Industrial Stainless Steel Panel Mount Metal (3mm) Housing LCD Monitor (Optional Integrated Touchscreen)

FEATURES HIGHLIGHTS:

Stainless steel 3mm Panel Mount (Optional for Front AR Glass or Vandal Resistant glass)

NEMA4/ IP65 Front Anti Water proof and Dust Proof

Optional for Resistive/ Capacitive/ SAW/ IR/ Projective Capacitive Touch screen

Auto Video Signal ON / OFF
Auto Always Power On

Auto Power on and Video signal on/off:
The LCD is always on whenever there is a power; this functionality eliminates the need to manual turn on the LCD. Also, you can control the LCD backlight on/off by video signal. LCD backlight will shut down when no video signal, but LCD backlight will wake up when the video signal is back on.

For easy installation with Clamps mount

VESA Mounting Hole Pattern

Reliable built-in Power supply for 15" or above (Optional for 9-36V DC input)

Standard VGA Input (Optional for DVI. HDMI, AV, BNC, AV looping and SDI)

Optional for RS232 Remote Control Protocol: Command Code to set system

Side OSD buttons can prevent unnecessary setting changes.

FEATURES:

- IP65 front side sealed for water-dust proof
- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Available with auto-brightness sensor offers application in day and night
- VGA connector with optional AV,SV,AV-Looping
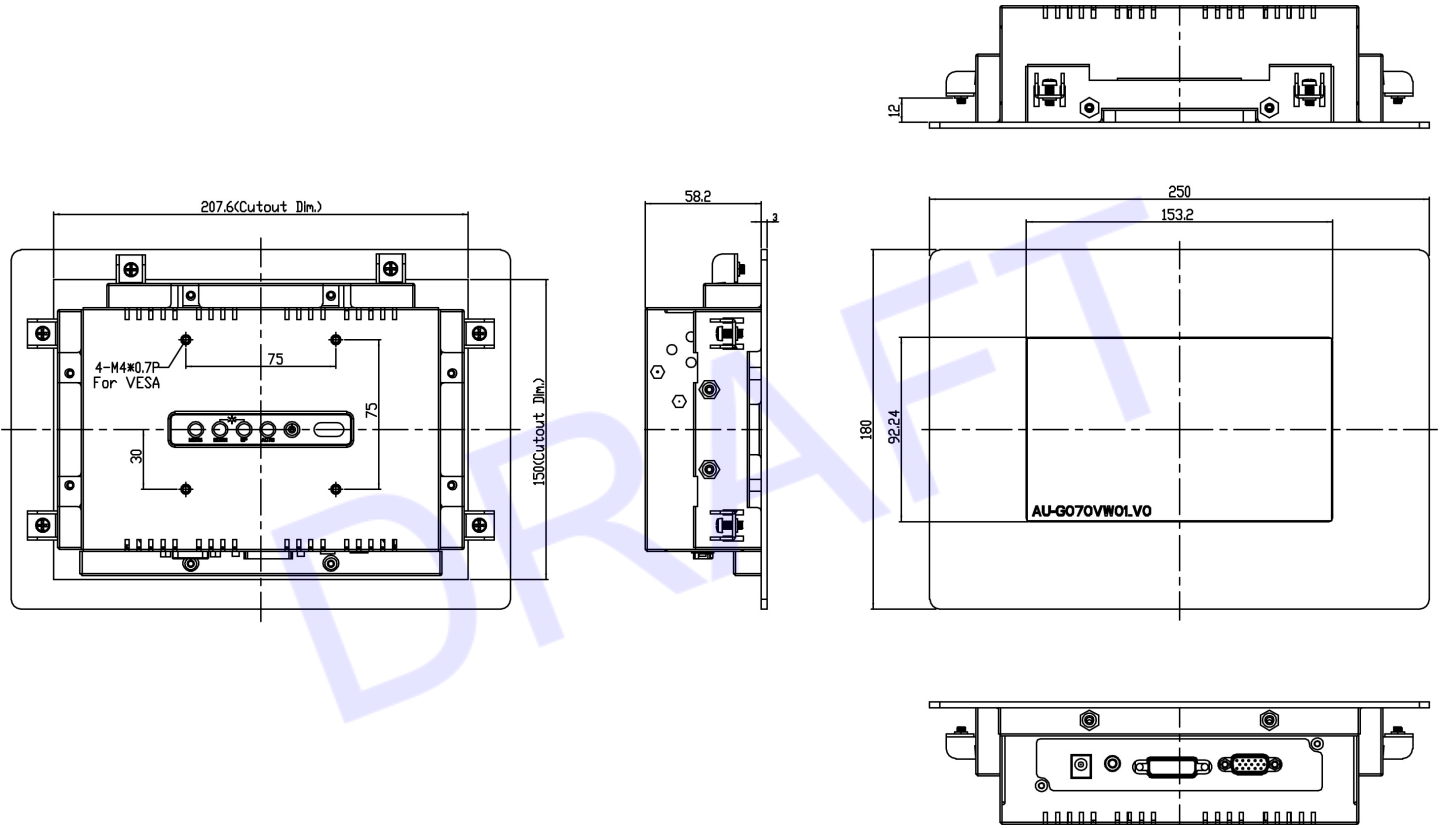- Option IP66/IP69K front side.

SPECIFICATIONS

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 7" viewable diagonal area	
	Active Area / Pixel Pitch	153.2(H) x 92.24(V) mm / 0.1905(H) x 0.1905(V) mm	
	Native Resolution / Colors	800(H) x 480(V) / 262 K	
	Brightness / Contrast	400 cd/m^2 (typ) / 500 : 1	
	Response Time	< 30 ms	
	Viewing Angle (typical)	H. 130° (- 65° ~ + 65°) , V. 110° (- 60° ~ + 50°)	
	Light Source	LED backlight, Long life, 35,000 hrs (typ)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V$_{p-p}$, 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F$_h$: 30 - 82Khz , F$_v$: 50 -75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA,1 x HDMI, 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug		
Convenient Features	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
Power	12V DC in		
Power Consumption	Operation / Power Saving	9.625 watt , < 2 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	-30°C ~ 80°C (-22°F ~ 176°F) , 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)	
Certification		FCC , CE	
Dimensions	Physical	Please refer to Drawing	
	Carton	W x H x D = TBD	
Weight	N.W. / G.W.	3 Kgs / 4 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

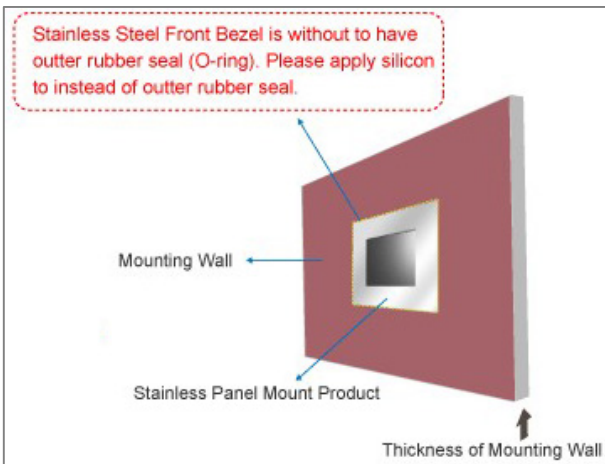| Options	Touch	Video/TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV_Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

Specifications subject to change without notice, not responsible for typographical errors.

MECHANICAL DRAWINGS
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

207.6(Cutout Dim.)

4-M4*0.7P
For VESA

75

75

30

150(Cutout Dim.)

58.2

3

250

153.2

180

92.24

AU-G070VW01V0

12

Drawing No.: ESPMW700H-11092022-V1

Stainless Steel Front Bezel is without to have outter rubber seal (O-ring). Please apply silicon to instead of outter rubber seal.

Mounting Wall

Stainless Panel Mount Product

Thickness of Mounting Wall

LCD OPTIONS

LED Backlight Options
Introducing LED backlight options for monitors for energy efficiency and a brighter screen.

TouchScreen Options
Our LCD has a wide selection option to choose which touchscreen.technology suits for you.

	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" – 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 – 2 million touches	30 – 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO^2)	Hard Coated (SiO^2)	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
CONTAMINANT RESISTANCE	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers
INPUT METHOD	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
CONTROLLER	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232

VIDEO Input Options:
For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)

Optical Bonding Options
- Optical Bonding provides the best reduction of ambient light washout of any commercially available   enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.
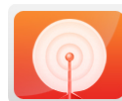
RS-232 Remote Control Options
Remote Control Protocol: Command Code to set system

9-36V DC Input Options
iTech offers a selection of DC input from 9V to 36V

Light Sensor and Motion Sensor Options
iTech LCD offers Light and Motion Sensor

Privacy Filter
Front Glass Options:
- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm