



Chassis LCD Display, IP65 front side, IP54 back side  
 17.3" - 1920x1080, LED-300nits, VGA Only signal input ports,  
 up to 85Hz, Front Protected Glass, 2mm, Side OSD with  
 Up/Down keys Brightness adjusting  
 24VDC input with Terminal Block

Operating Temperature: 5 – 50 °C

**MODEL: ECHW1730-85Hz**

**ECH Series: Industrial Chassis Wall/Surface Mount Metal Housing LCD Monitor**  
 (Optional Integrated Touch Screen/PC/ DC Input/Front NEMA4x/Front Stainless steel bezel and more...)

**FEATURES:**

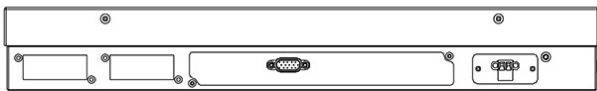
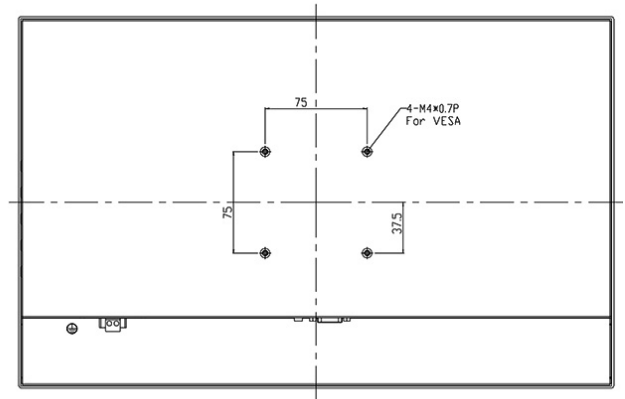
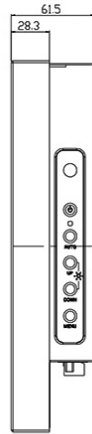
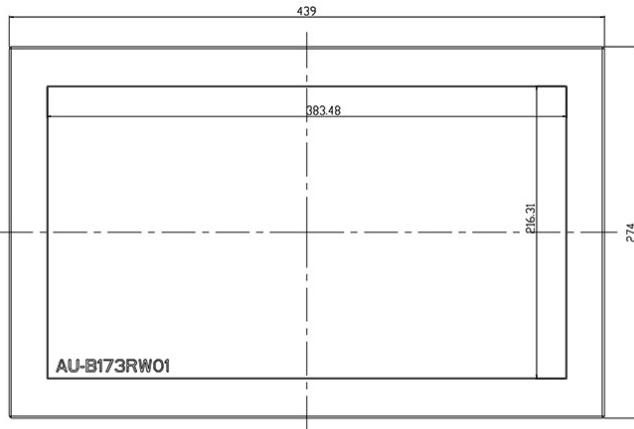
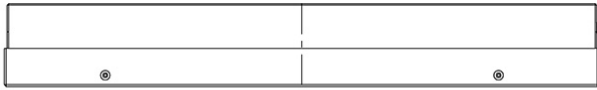
- Modular mechanism design provides flexible product configuration and easy maintenance.
- Option with auto-brightness sensor offers application in day and night.
- Optional to built-in touch screen for interactive application.
- VGA connector with optional AV,SV,AV-Looping
- Complete custom design/solution for OEM customers

**SPECIFICATION:**

<b>Panel</b>	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 17.3" viewable diagonal area	
	Active Area / Pixel Pitch	383.48(H) x 216.31(V) mm / 0.1989(H) x 0.1989(V) mm	
	Native Resolution / Colors	1920(H) x 1080(V) / 262 K	
	Brightness / Contrast	300 cd/m <sup>2</sup> (typ) / 400 : 1	
	Response Time	≤ 8 ms	
	Viewing Angle (typical)	H.90o (- 45o ~ + 45o) , V. 50o(- 30o ~ + 20o)	
	Light Source	LED backlight, Long life, 35,000 hrs (typ)	
<b>Input Sources</b>	PC System	Signal	Analog RGB (0.7/1.0 V <sub>p-p</sub> , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F <sub>h</sub> : 30 - 85Khz , F <sub>v</sub> : 50 -85Hz
	Audio System	2W speaker x 2	
<b>Input Terminals</b>	1 x VGA, 24VDC input with Terminal Block		
<b>Convenient Features</b>	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
<b>Power</b>	Internal power supply with universal / Auto-Sensing, AC90 to 260V, 50/60 Hz		
<b>Power Consumption</b>	Operation / Power Saving	15 watt , < 1 watt (Support DPMS)	
<b>Operating Condition</b>	Temperature / Humidity	5°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)	
<b>Storage Condition</b>	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)	
<b>Certification</b>	FCC , CE		
<b>Dimensions</b>	Physical	Please refer to Drawing	
	Carton	W x H x D = TBD	
<b>Weight</b>	N.W. / G.W.	4.5 Kgs / 5.5 Kgs	
<b>Container Loaded</b>	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

<b>Options</b>	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

# MECHANICAL DRAWING:

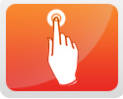


**LCD OPTIONS:**



**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)
<b>PRODUCT SIZE</b>	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
<b>TOUCH LIFE</b>	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
<b>SCRATCH RESISTANCE</b>	Hard Coated	Hard Coated	Hard Coated (SiO <sup>2</sup> )	Hard Coated (SiO <sup>2</sup> )	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
<b>CONTAMINANT RESISTANCE</b>	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
<b>INPUT METHOD</b>	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
<b>CONTROLLER</b>	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232



**VIDEO Input Options:**

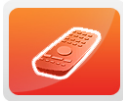
For Video inputs options:

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.



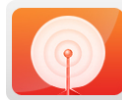
**RS-232 Remote Control Options**

**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

