

Industrial Professional Chassis VESA MOUNT LCD Monitor



Chassis LCD monitor 30", 2560x1600, LED-350nits,
VGA+HDMI+DP, AC-IN w/Built-in PWR,
Build-In IR touch 2 points.

Model: ECHW3000-2K-IR



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 HIGHLIGHTS:



- Metal Chassis/Housing for higher Impact protection. (Optional for Front AR Glass or Vandal Resistant glass)
- Built-in speaker built-in speakers that allow the convenience Audio output.
- Side OSD buttons can prevent unnecessary setting changes.
- Above 24" LCD will include Front IR Sensor and Remote controller.
- Auto Video Signal ON / OFF
- Auto Always Power On



- Ultra low speed/Noise fan for extra cooling (24" LCD or above)
- 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

FEATURES:

- High 2K resolution provides an exceptional experience regardless of any application
- Modular construction for more flexibility in terms of product configuration as well easy maintenance
- A brightness sensor for auto adjustment of the screen so that it's neither too bright nor too dark
- Robust aluminum housing to withstand rugged applications
- Auto Power On: Monitor is always "ON" when connect to power.
- Auto Video Signal On: Monitor (Backlight) will turn off when no video signal, but it will Auto turn back on.
- Optional build-in touch screen functionality for an interactive application
- Optional protective glass to keep dust, dirt, and moisture away from the display
- Standard VGA connector but also available with optional AV, SV, and AV-Looping
- Energy-efficient based on advance power management
- Customizable design available upon request for Open frame/Panel mount/Stainless steel OEM customers

OPTIONS:

Touch: PCAP, Capacitive, SAW, Infrared, and Protected glass

Video/TV: SV + AV, SV + AV + AV_Looping, SV + AV + TV

Enhanced Panel: Panel with LED backlight, High brightness panel, Wide Temperature, Sunlight Readable

Others optional features: Digital Signage (Standalone), Networking Digital Signage, Motion Sensor, Light Sensor, Auto-Dimming

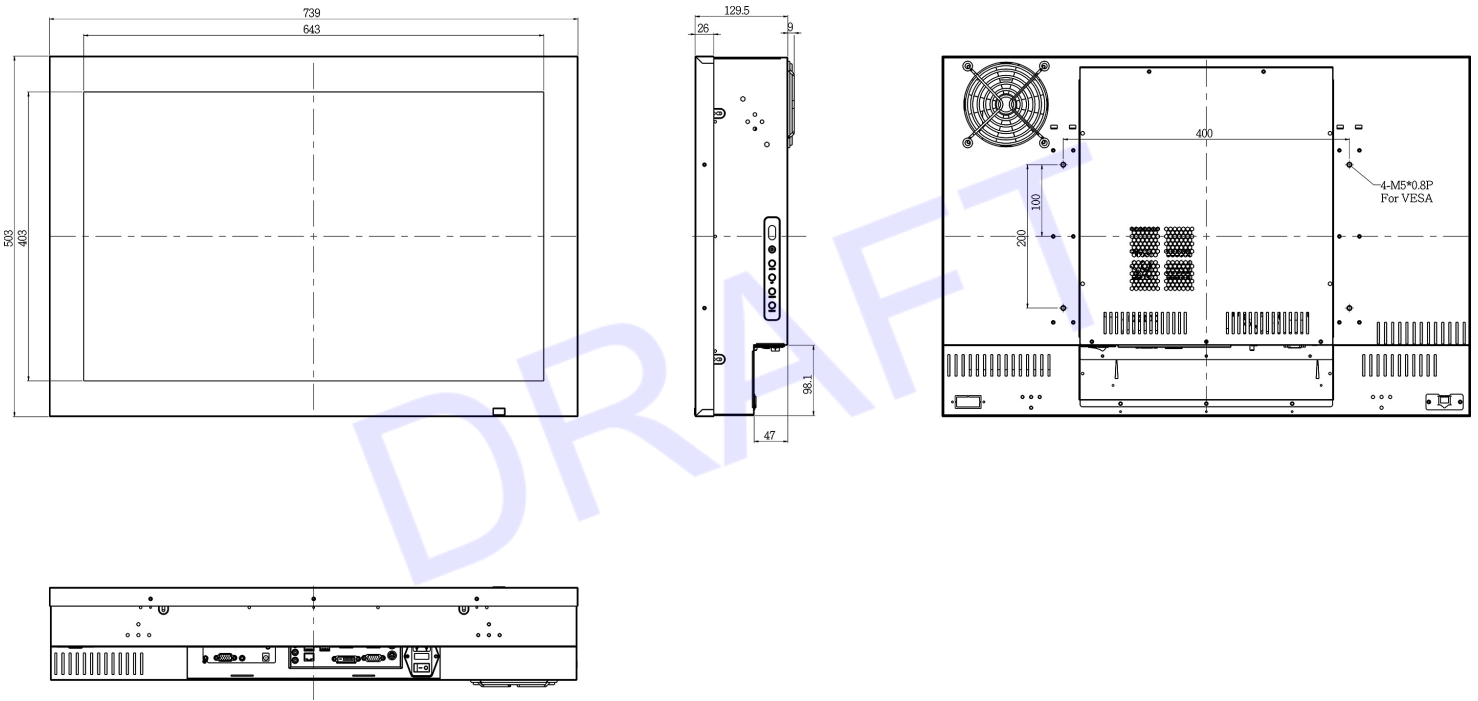
SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 32" viewable diagonal area	
	Active Area / Pixel Pitch	708.48(H) x 398.52(V) mm / 0.276(H) x 0.276(V) mm	
	Native Resolution / Colors	2560(H) x 1440(V) / 1.07B	
	Brightness / Contrast	350 cd/m ² (typ) / 1000 : 1	
	Response Time	< 6 ms (G-to-G)	
	Viewing Angle (typical)	H.178°(-89°~ + 89°) , V. 178°(-89° ~ + 89°)	
	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 xVGA,5xHDMI, 1 x DP, 1 x PC Audio (Stereo Headphone Jack), 1 x DC Power Plug		
Convenient Features	Auto Calibration , Back Light Adjustment, Plug&Play (VESADDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
Power	Internal power supply with universal /Auto-Sensing, AC90 to 260V, 50/60 Hz		
Power Consumption	Operation / Power Saving	73.75 watt, < 1 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°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	WxHxD=TBD	
Weight	N.W./G.W.	14.5Kgs/16Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

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

MECHANICAL DRAWING:

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



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 of 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:

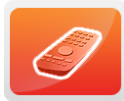
For Video inputs options:

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.



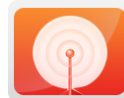
RS-232 Remote Control Options

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