

FULL IP66/NEMA4X

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount



Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface/Rear/VESA Mount, Water/Dust proof 8.4" LCD monitor, 800 x 600, 1000 nits, without speaker VGA input, Rear OSD, VESA Mount 110/220V AC input with Projective Capacitive Touch (1-2mm) USB Controller

Model: ECH840HB-SIP

FEATURES:

- 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
- Stainless Steel Enclosure
- Complete custom design/solution for OEM customers



High
Brightness



Wide
TEMP



Wide
Viewing

SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	4 : 3 / 8.4" viewable diagonal area	
	Active Area / Pixel Pitch	170.4(H) x 127.8(V) mm / 0.213(H) x 0.213(V) mm	
	Native Resolution / Colors	800(H) x 600(V) / 262 K	
	Brightness / Contrast	1000 cd/m ² (typ) / 600 : 1	
	Response Time	< 30 ms	
	Viewing Angle (typical)	H. 160o (- 80o ~ + 80o) , V. 140o(- 70o ~ + 70o)	
	Light Source	LED backlight, Long life, 35,000 hrs (typ)	
	Input Sources	PC System	Signal
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _n : 30 - 82Khz , F _v : 50 -75Hz
Audio System		N / A	
Input Terminals	1 x VGA (15 Pin Female D-Sub) , 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	8.68 watt , < 2 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	W x H x D = TBD	
Weight	N.W. / G.W.	2.5 Kgs / 3.5 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



i-Tech Company LLC

TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com

LCD OPTIONS



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

DRAWINGS:

