

**High Brightness: 500nits**




**Stretch LCD Display, Chassis, 42"-1920x480  
LED-500nits, VGA, WV(178°/178°), AC-IN w/Built-in  
PWR (1/2 cut of 1920x1080)**

**MODEL: ECHS4200**

**ECHS 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...)

**Feature 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:

- Modular mechanism design provides flexible product configuration and easy maintenance.
- Available with auto-brightness sensor offers application in day and night
- Optional build-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 / 42" viewable diagonal area	
	Active Area / Pixel Pitch	1039.68(H)x259.92(V) mm / 0.4845(H) x 0.4845(V) mm	
	Native Resolution / Colors	1920(H) x 480(V) / 16.7Million	
	Brightness / Contrast	500cd/m <sup>2</sup> (typ) / 3000 : 1	
	Response Time	≤ 8 ms	
	Viewing Angle (typical)	H. 178° (- 89° ~ + 89°) , V. 178° (- 89° ~ + 89°)	
	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 - 82Khz , F <sub>v</sub> : 50 -75Hz
	Audio System	2W speaker x 2	
<b>Input Terminals</b>	1 x VGA , 1 x DVI, 1 x HDMI, 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug		
<b>Convenient Features</b>	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA 75 x 75 mm)		
<b>Power</b>	Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
<b>Power Consumption</b>	Operation / Power Saving	140watt , < 2 watt (Support DPMS)	
<b>Operating Condition</b>	Temperature / Humidity	0°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	W x H x D = 1292.7 x 417.7 x 107.5 mm	
	Carton	W x H x D = TBD	
<b>Weight</b>	N.W. / G.W.	TBD	
<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:**

**Not Available**

## LCD Options:



### LED Backlight Options

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



### 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.



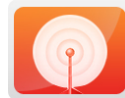
### RS-232 Remote Control Options

**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