



Model: ECHS4900

Stretch Display, Chassis 49" LCD monitor, 1920x540, LED-500nits, VGA input, WV 178°/178°, (1/2 cut of 1920x1080)

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:

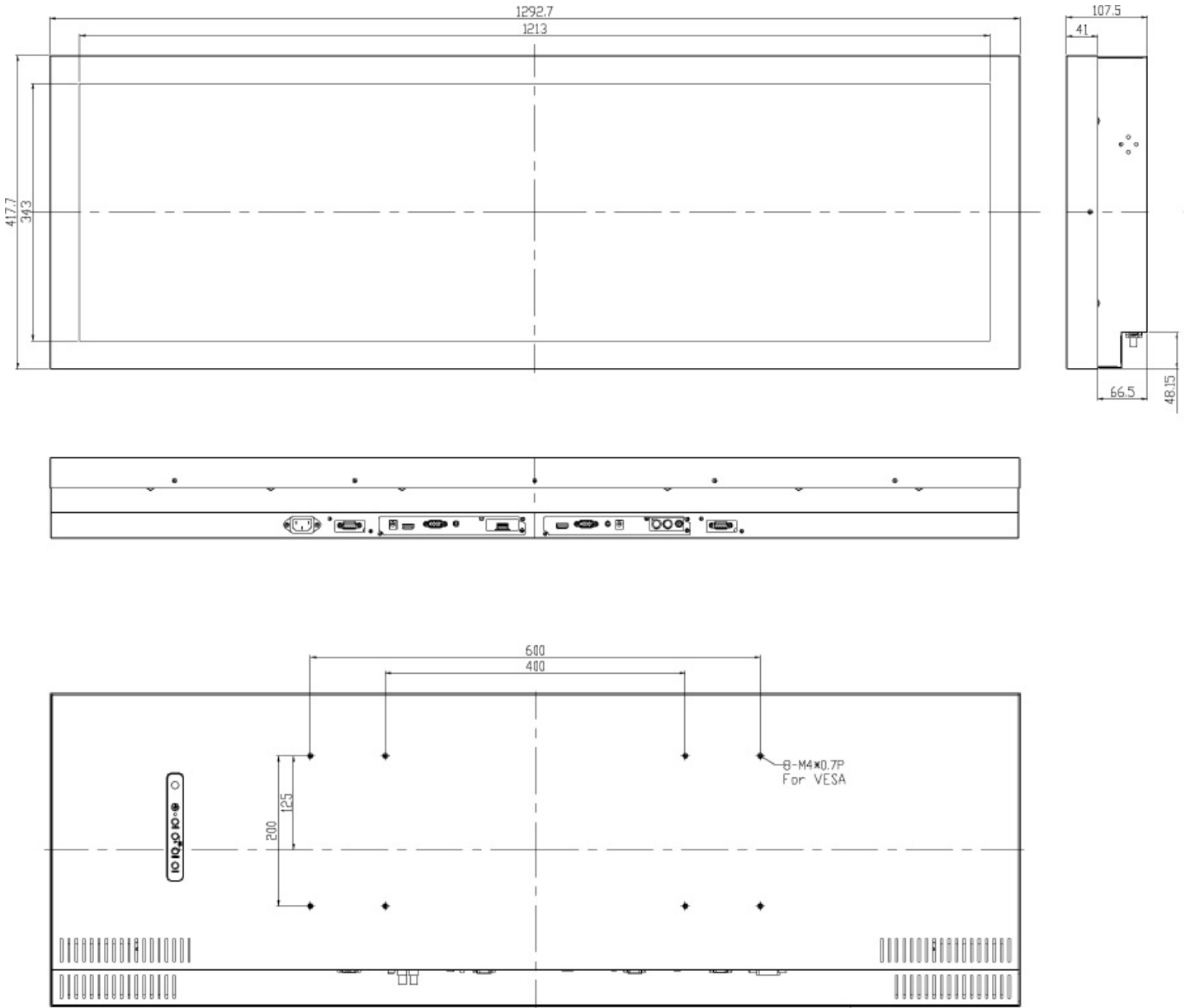
- Modular mechanism design provides flexible product configuration and easy maintenance.
- Optional with auto-brightness sensor offers application in day and night
- Optional to built-in PC eliminates external box

Specification:

| | | | |
|----------------------------|--|---|---|
| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating | |
| | Aspect Ratio / Size | Wide / 49" viewable diagonal area | |
| | Active Area / Pixel Pitch | 1209.6(H) x 340.2(V) mm / 0.63(H) x 0.63(V) mm | |
| | Native Resolution / Colors | 1920(H) x 540(V) / 16.7Million | |
| | Brightness / Contrast | 500cd/m ² (typ) / 3000 : 1 | |
| | Response Time | ≤ 8 ms | |
| | Viewing Angle (typical) | H. 178o (- 89o ~ + 89o) , V. 178o(- 89o ~ + 89o) | |
| | 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 DVI, 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 75 x 75 mm) | | |
| Power | Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz | | |
| Power Consumption | Operation / Power Saving | 140watt , < 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 | W x H x D = 1292.7 x 417.7 x 107.5 mm | |
| | Carton | W x H x D = TBD | |
| Weight | N.W. / G.W. | 25 Kgs / 28 Kgs | |
| Container Loaded | 20ft / 40ft / 40ft HQ | TBD (Sets , By pallet) | |

| | | |
|----------------|----------------------|------------------------------|
| Options | Video / TV | Others |
| | SV + AV | Digital Signage(Stand alone) |
| | SV + AV + AV Looping | Networking Digital Signage |
| | SV + AV + TV | Motion Sensor |
| | | Light Sensor |
| | | Auto-Dimming |

Mechanical Drawing:



LCD Options:



LED Backlight Options

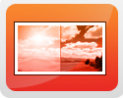
Introducing LED backlight options for monitors for energy efficiency and a brighter screen.



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.



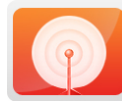
RS-232 Remote Control Options

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