3239L 32" Open-Frame Wide-Aspect LCD Touchmonitor

Tyco Electronics' Elo TouchSystems open-frame touchmonitor series features the 3239L that delivers a cost-effective touch solution for OEMs and systems integrators, and complements Elo's expanded family of touch solutions for gaming and amusement, retail self-service and digital signage applications. This compact 3000-series touchmonitor is "designed for touch", with Elo's proven expertise and reliability built-in, not added as an afterthought by altering an existing monitor.

The 3239L features a brilliant wide-viewing-angle LCD panel to instantly grab and hold the user's attention, whether they are checking out retail goods with a self-service kiosk, interacting with a digital signage application or playing games in a casino or arcade. Because the enclosure is controlled by Elo's specifications and tooling, Elo's open-frame monitors have a long-lasting product cycle, which is important to maintain continuity through all phases of project rollouts and servicing. The 3239L features a unique, injection-molded bezel with a virtually invisible watertight seal, making it a good choice for the rigors of public use. Narrow borders, multiple mounting options, and a dual serial/USB touch interface add to the versatility of the 3239L. Worldwide agency approvals, as outlined on the back side of this sheet, cover the entire monitor that is designed, built and supported by Elo TouchSystems, a true single-source supplier.

The 3239L is available with either the innovative Elo TouchSystems APR (Acoustic Pulse Recognition) or IntelliTouch surface acoustic wave touch technology. The comprehensive range of features includes analog and digital interfaces, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD), and worldwide compliance.

Features

- A bright, high-contrast display with wide-viewing-angle easily attracts and holds the user's attention.
- Pure glass Elo TouchSystems Acoustic Pulse Recognition technology combines optical quality, durability and drift-free stability, with excellent drag properties.
- Elo TouchSystems IntelliTouch (surface acoustic wave) technology offers high quality optics, durability, and long-term reliability.
- A sealed protective bezel is resistant to liquid splashes and spills.
- The enclosure is controlled by Elo TouchSystems specifications and results in a long-lasting product cycle.
- Multiple mounting options are available.
- Dual serial and USB connectivity are standard.
- Worldwide agency approvals and a three-year standard warranty are backed by Elo TouchSystems.

TOUCHSYSTEMS

TE connectivity TOUCH SOLUTIONS

3239L 32" Open-Frame Wide-Aspect LCD Touchmonitor

Case/Bezel Color	Dark gray
Display Type	Active matrix TFT LCD
Display Size	32.0" diagonal
Useful Screen Area	Horizontal: 697.7 mm Vertical: 392.3 mm
Monitor Dimensions	Width: 784 mm Height: 474 mm Depth: 110 mm
Native Resolution	1366 x 768
Optimal (Pre-Set) Resolution	1360 x 768 @ 60 Hz and 1366 x 768 @ 60 Hz
Other Supported Resolutions	640 x 480 @ 60 Hz, 800 x 600 @ 56 Hz, 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 960 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1360 x 768 @ 60 Hz, 1366 x 768 @ 60 Hz, 1600 x 1200 @ 60 Hz, 1680 x 1050 @ 60 Hz
Colors	16.7 million colors
Brightness (typical)	LCD Panel: 500 cd/m^2, min. 400 cd/m^2 with IntellTouch: 450 cd/m^2, min. 340 cd/m^2 with APR: 450 cd/m^2, min. 340 cd/m^2
Response Time	Typical Rise Time 8 msec Typical Fall Time 8 msec
Viewing Angle (typical)	Horizontal: 89° (looking left) / 89° (looking right) at a CR>10 Vertical: 89°(looking down) / 89° (looking up) at a CR>10
Contrast Ratio	3000:1 (typical)
Input Video Format	1. RGB Analog Video 2. DVI Video (not available on 3239L-xxEx models)
Input Sync Format	Separate H & V sync, Composite Sync, and Sync-On-Green
Input Video Signal Connector	1. 15-pin female D-sub for Analog Video 2. Female DVI-D for Digital Video
Scanning Frequency Ranges	Horizontal: 30 - 75 kHz Vertical: 48 - 63 Hz
Power Consumption	145W typical, 190W maximum (at 110V/60Hz input)
Power Supply – Internal	Monitor Input Voltage: 100~240 VAC, 50/60Hz
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Humidity (non-condensing)	20% to 80% humidity (non-condensing) 10% to 90% humidity (non-condensing)
Monitor MTBF (excluding lamps)	50,000 hours demonstrated
Backlight Lamp Life	50,000 hours minimum
Weight (approx.)	Actual: 17.3 kg; Shipping: 21.6 kg
Other Features	100mm VESA mount; Digital on-screen display (OSD); User's control: OSD buttons: menu, up, down, select; OSD: automatic adjustment, contrast, brightness, H/V position, clock, phase, color temperature, input video select, OSD H/V position, OSD timeout, language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), recall color, recall defaults, sharpness, display information; OSD locking/unlocking and power locking/unlocking
Warranty	TouchMonitor: 3 years
Touch Interface	USB and Serial (IntelliTouch, Surface Capacitive)
Agency Certification	UL (US), cUL (Canada), GS Mark (Germany), FCC (US), CE (EU), NOM (Mexico), PCT (Russia), CCC/RoHS (China), eK/Mic (Korea), BSMI (Taiwan), Singapore, VCCI (Japan), C-Tick (Australia) and S-mark (Argentina), WEEE, IMERC.

To find out more about Elo's extensive range of touch solutions, go to www.elotouch.com, or call the office nearest you.

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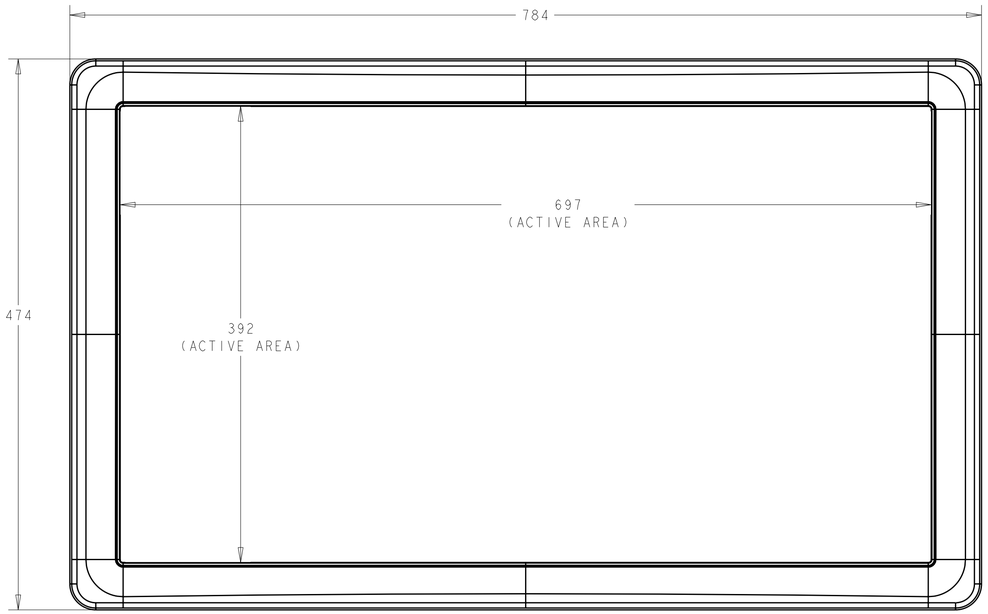
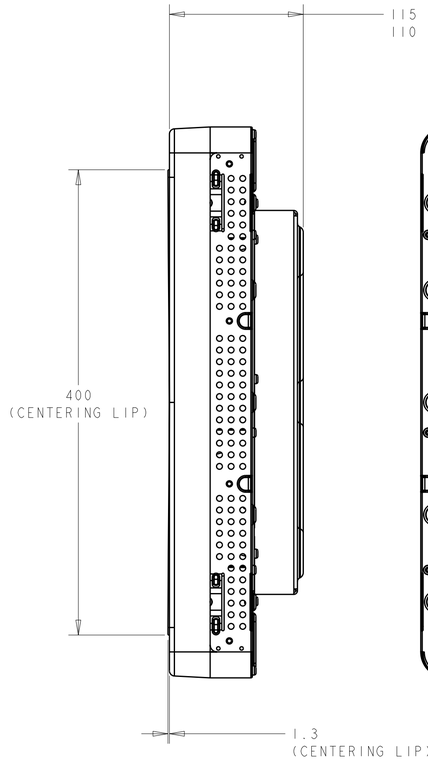
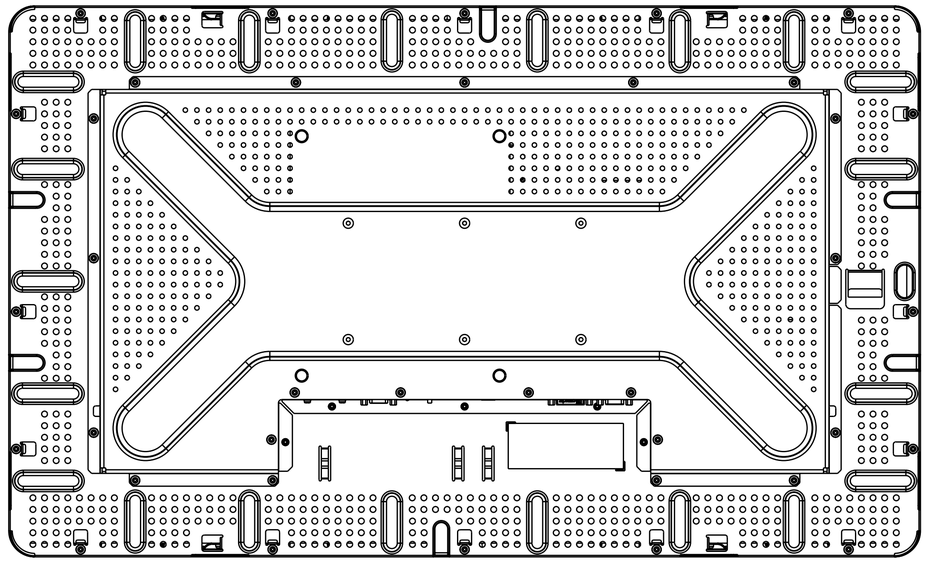
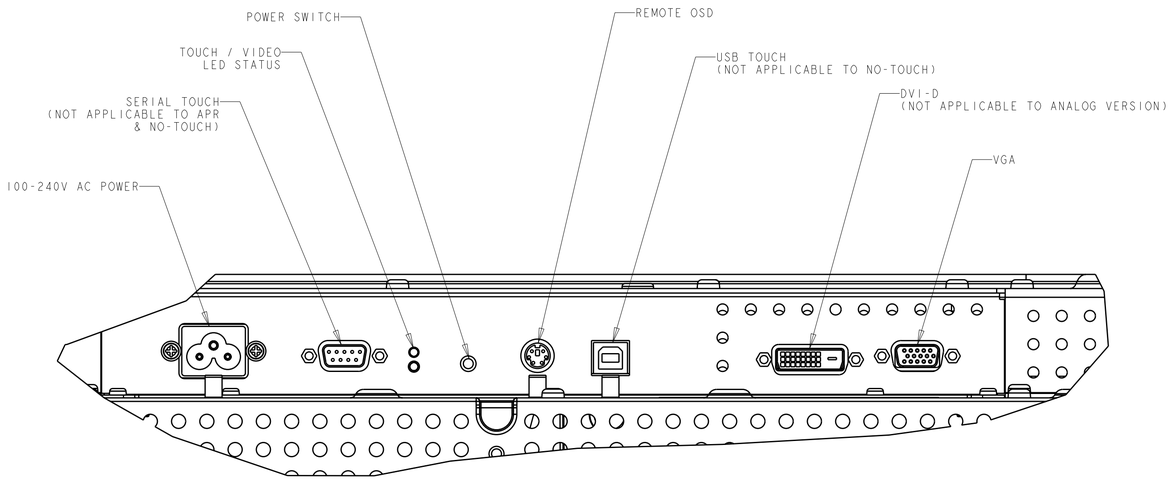
TITLE: MKTG, DWG, ET3239L

NOTES:
1. ALL DIMENSIONS ARE +/- 1.0MM UNLESS NOTED.
2. DIMENSIONS SHOWN ARE FOR ALL TOUCH TECHNOLOGIES UNLESS NOTED.

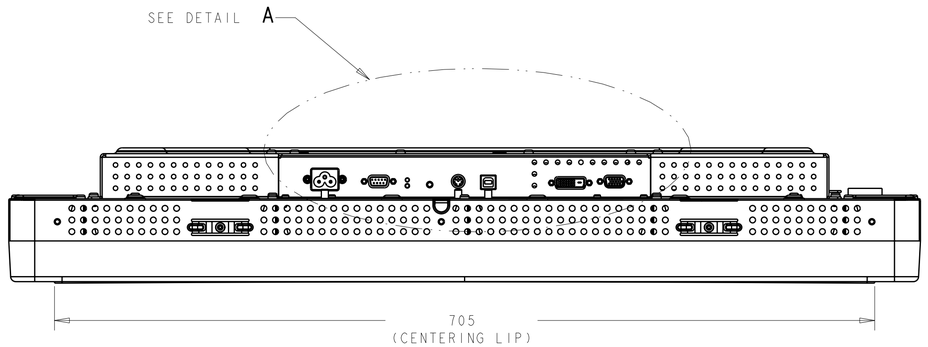








DETAIL A



DIMENSIONS ARE IN MILLIMETERS

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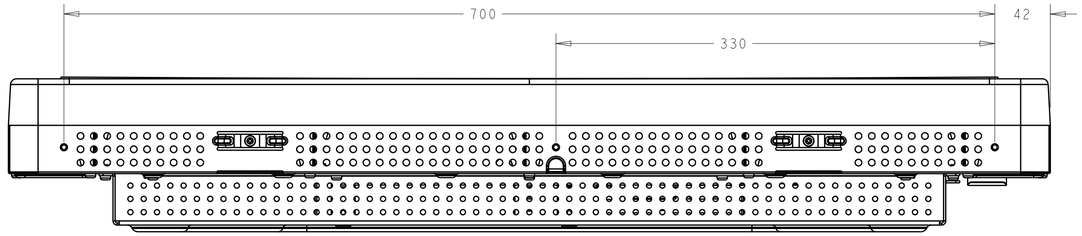
DATE: 01/15/08
REV: A

TITLE: MKTG, DWG, ET3239L

SIDE MOUNT, HORIZONTAL



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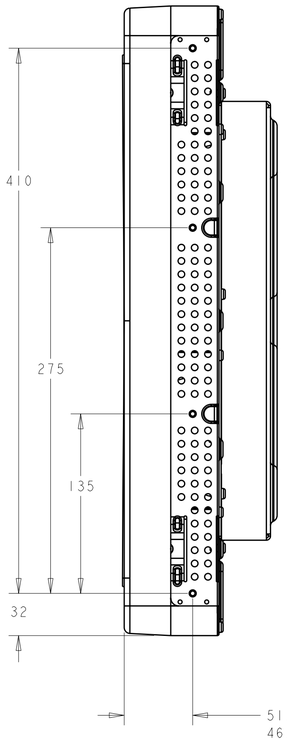
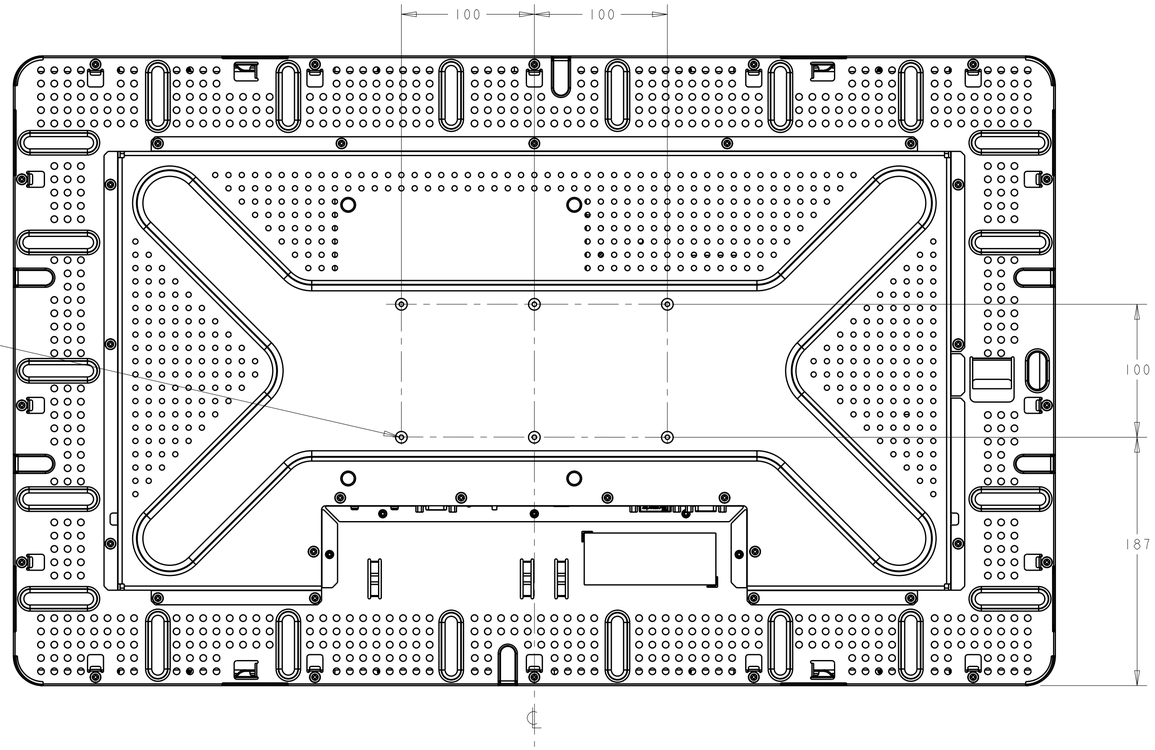
SIDE MOUNT, VERTICAL





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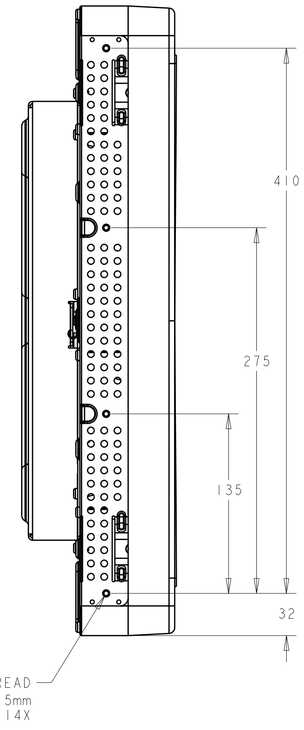

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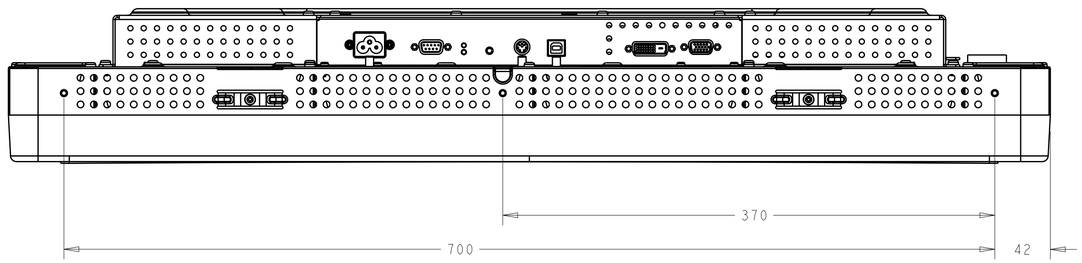

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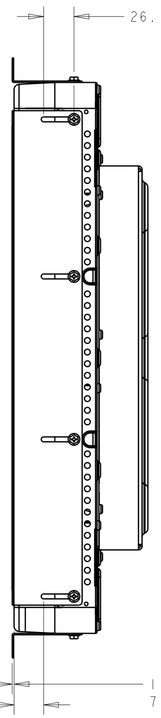
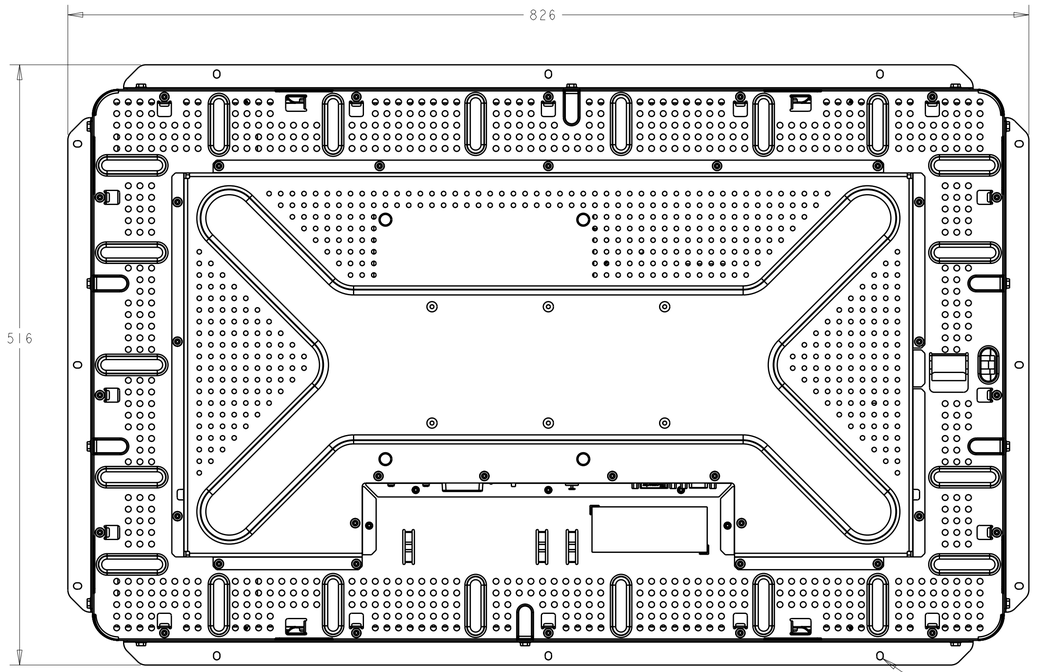
NOTE A
CUSTOMER PANEL MATERIAL:

1. WOOD: 4.5 HOLES THRU FOR M4 SCREWS W/NUTS, OR, NO THRU HOLES, SCREWS FOR WOOD 4mm.

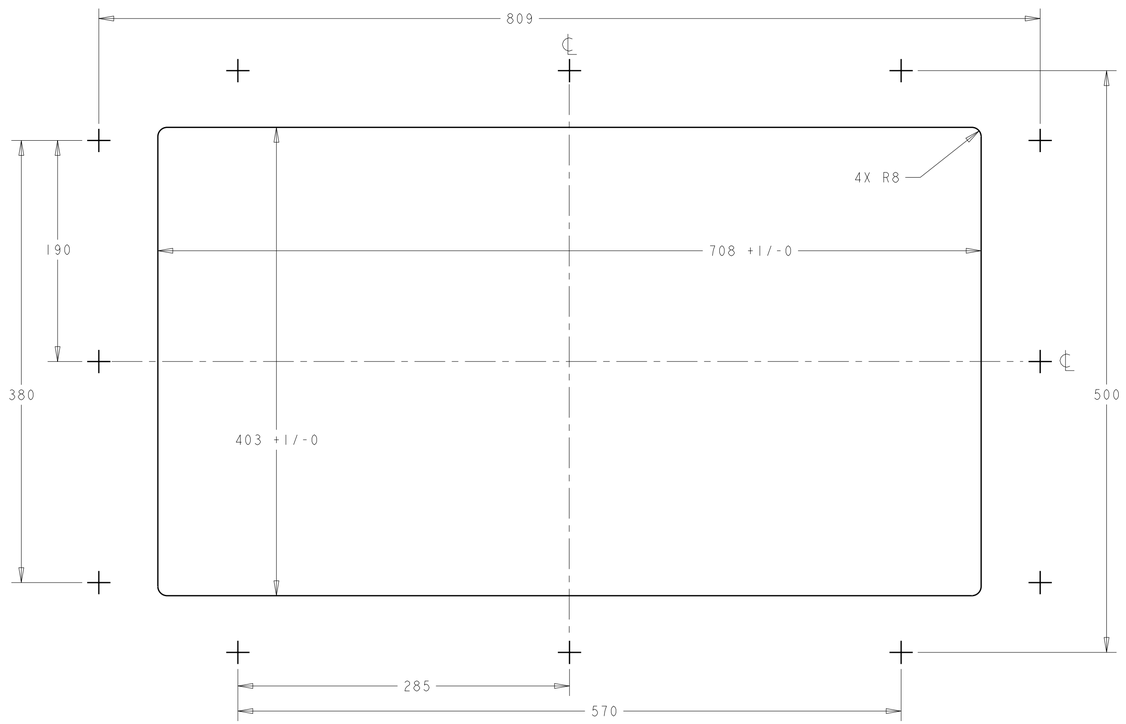
2. SHEET METAL: CONCEALED HEAD THREADED STUDS M4 W/NUTS.



REAR MOUNT WITH BRACKETS, HORIZONTAL AND VERTICAL



RECOMMENDED CUSTOMER PANEL CUT-OUT (SEE NOTE A)



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