PQS

PRACTICAL QUALITY SYSTEMS
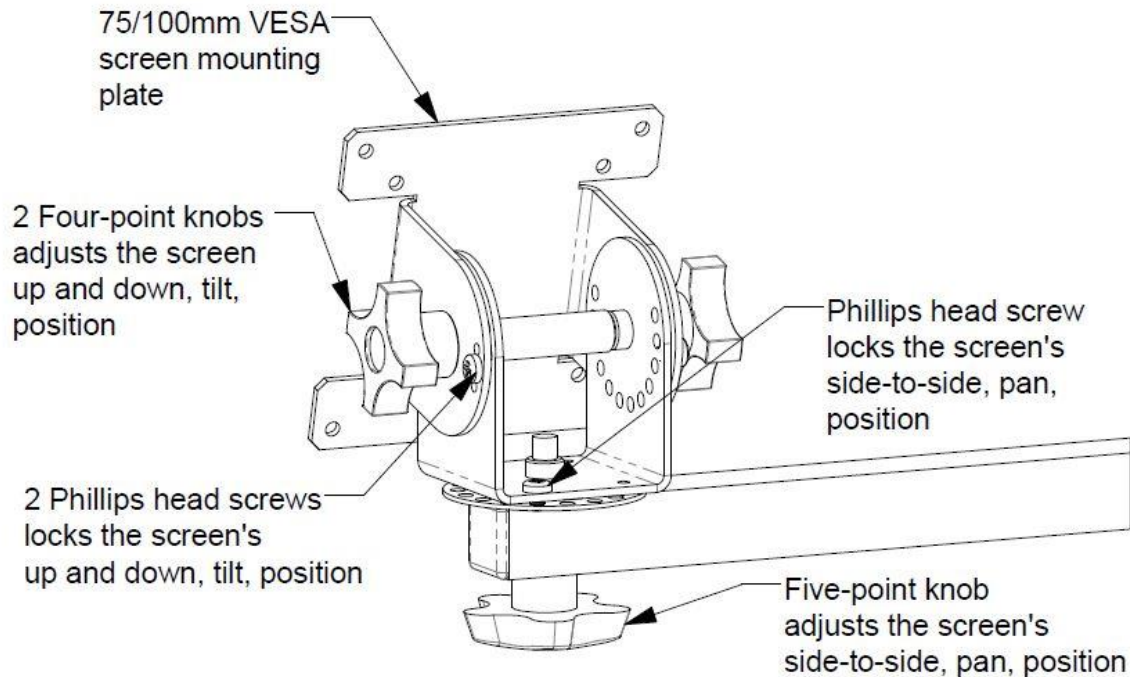*Fast Custom Manufacturing - Nationwide Installation Services*

ALL PRODUCTS PATENT PENDING
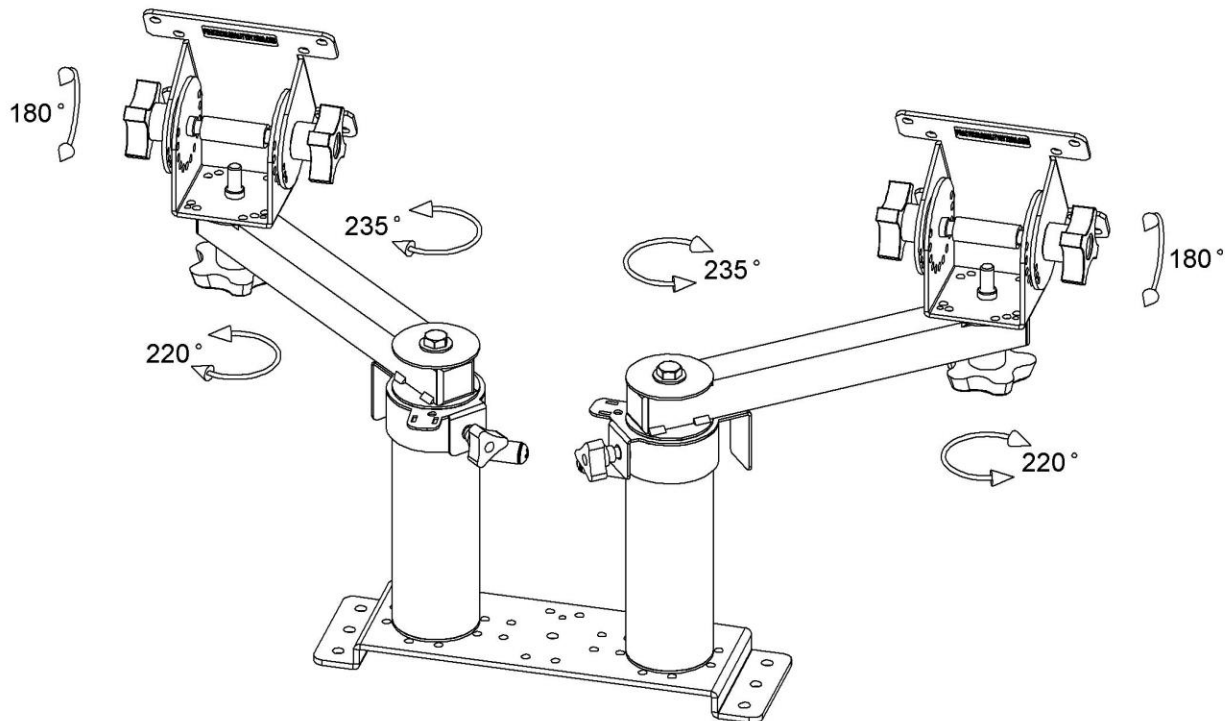
General Features

- This countertop mount can be used as a universal support system for two VESA compatible monitors, touchscreens and terminals for Point of Sale / POS, Kitchen Display Systems / KDS in commercial kitchens, retail, restaurants, offices, industry, shops, medical, maritime, schools, laboratory and many other applications.

- An innovative set of joint assemblies allow three axis of position adjustment on each arm when attached to a wall or other vertical surface.

- Beyond having flexible articulation; this mount has the key feature of being easily LOCKED in any desired screen position; this ability is VERY important when using touch screen equipment as it PREVENTS the screen from moving away from the user each time a touch is input.

- The arms of this assembly support up to 15 lbs. This assembly is made of steel and is finished with a durable, black, low gloss, micro wrinkle powder coat that resists fingerprints.

- Visit kitchendisplaysystems.com for a free, easy to understand tutorial that covers all aspects of Kitchen Display Systems knowledge!

- For more information on the individual components included in this package please refer to the assembly sketches in this document and the downloadable product information sheets available on our website for each of the product pages for each part number.
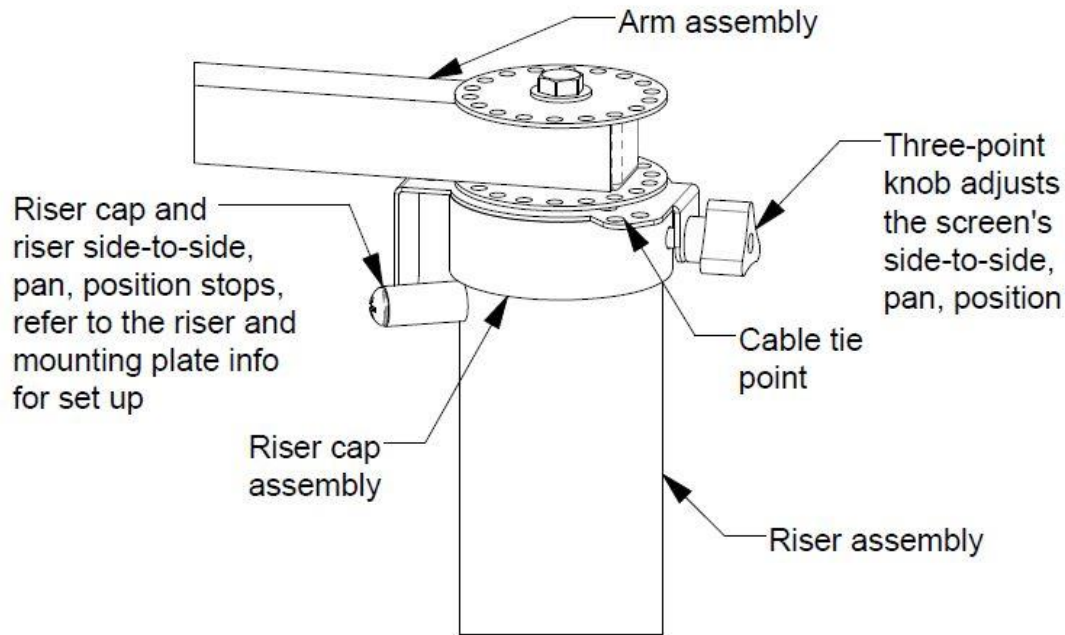
75/100mm VESA screen mounting plate

2 Four-point knobs adjusts the screen up and down, tilt, position

2 Phillips head screws locks the screen's up and down, tilt, position

Phillips head screw locks the screen's side-to-side, pan, position

Five-point knob adjusts the screen's side-to-side, pan, position

Standard VESA 75-100mm Pan and Tilt Head on an Adjustable Arm
- A universal mount that works with any 75mm or 100mm VESA compatible screen.
- Tightening the 2 four-point knobs applies variable clutching resistance to allow adjustment of the up and down tilt position of the screen. Tighten either of the two 10-32 Phillips head screws adjacent to the four-point knobs to permanently secure the tilt position.
- Tightening the five- point knob below the end of the Arm applies variable clutching resistance to allow adjustment of the side-to-side pan position of the screen.
- Tighten the 10-32 Phillips head screw on the lower Panning plate into one of the holes in the end of the arm to permanently secure the pan position.
- Includes 4 pieces of M4 Phillips head screws to attach the VESA mounting plate to the back of the screen.

Partial list of Compatible Touchscreen Monitors
- elo Touchscreen Monitor 0702L, 1002L, 1302L, 1502L, 2002L, 2202L, 2201L, 2402L, 2702L, 1515L, 1517L, 1523L,1715L, 1717L,1723L, 1902L, 1915L.
- elo Touchscreen Monitor Medical Grade 1903LM, 2203LM 22", 2403LM 24", 2703LM 27".
- Viewsonic Touch screens TD3207, TD1630-3,TD2223 , TD2230, TD2423, TD2430, TD2760.
- Beetronics Inc. touchscreens 7TS7M, 8TSV7M, 10TS7, 10TSV7M, 10TS7M, 12TS7, 12TSV7M, 12TS7M, 13TS7, 13TS7M, 15TS7, 15TSV7M, 15TS7M, 17TSV7M, 17TS7M,19TSV7M, 19TS7M, 22TS7M, 24TS7M.
- Planar Touch Screen Monitors Helium PCT2265, PT2245PW, Helium PCT2235, PXL2230MW, PT1945P, PT1945R, PT1745P, PT1545P, PT1545R.
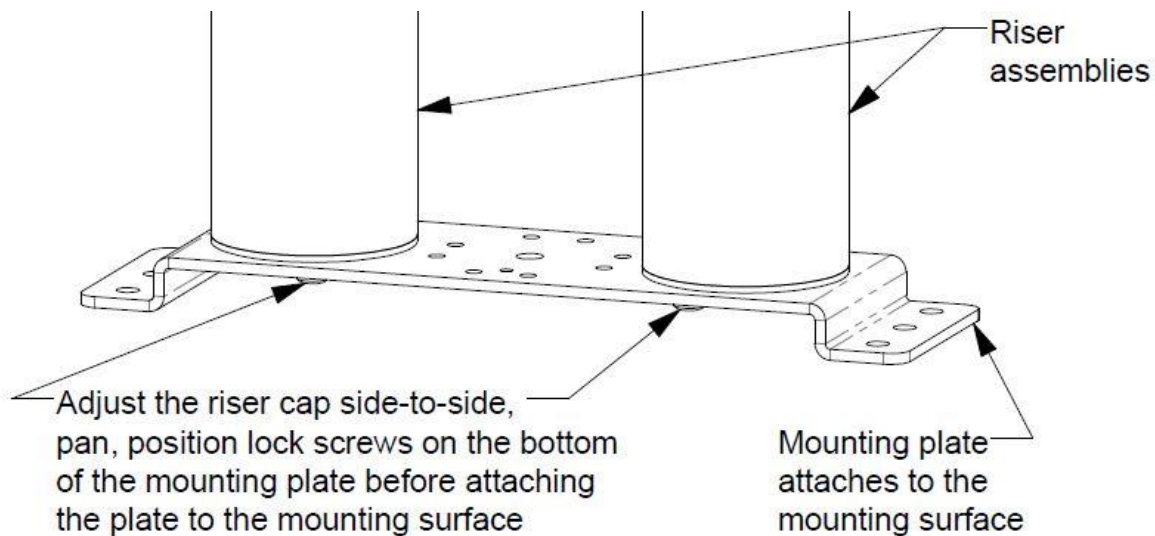
ALL PRODUCTS PATENT PENDING

Arm assembly

Three-point knob adjusts the screen's side-to-side, pan, position

Riser cap and riser side-to-side, pan, position stops, refer to the riser and mounting plate info for set up

Cable tie point

Riser cap assembly

Riser assembly

Riser, Riser Cap and Arm

- The Riser Cap allows an arm to rotate around the top of a Riser assembly.
- Loosening the three - point knob on the side of the Riser Cap allows adjustment of the side-to-side pan position of the arm around the riser assembly. Tightening the knob locks the position of the arm.
- The Riser cap incorporates a cable tie point to secure the cables so that they will travel safely as the arm is rotated.
- The Riser Cap interacts with the Riser Cap Stop on the side of the Riser to prevent the arm from making a full rotation around the riser. Refer to the Riser and mounting plate section for instructions on setting the position of the Riser Cap Stop.

We believe in ethical SEO relevancy; the following section was included to assist the all-knowing algorithms in locating this page; however, some humans like it too.

- Double, two screens, VESA wall mount, VESA wall mounting bracket, VESA wall mount bracket, Screen wall mount, screen wall mounting bracket, screen wall mount bracket, monitor wall mount, monitor wall mounting bracket.
- Two monitors, double monitors, Monitor wall mount bracket, POS terminal wall mount, POS terminal wall mounting bracket, POS terminal wall mount bracket, Point of Sale POS terminal wall mount, Point of Sale terminal wall mounting bracket.
- Double Point of Sale terminal wall mount bracket, KDS wall mount, KDS wall mounting bracket, KDS wall mount bracket, Kitchen Display System wall mount, Kitchen Display System wall mounting bracket. Kitchen Display System wall mount bracket, Kitchen production System wall mount, Kitchen Monitor wall mount.
- Kitchen video wall mount. Touchscreen wall mount, All in One PC wall mount, Healthcare monitor wall mount, Industrial process monitor wall mount, Kiosk wall mount, Office monitor wall mount, manufacturing process monitor wall mount.

Adjust the riser cap side-to-side, pan, position lock screws on the bottom of the mounting plate before attaching the plate to the mounting surface

Mounting plate attaches to the mounting surface

Riser assemblies

Double Countertop Mounting Plate with 2 Risers, Riser Caps and Arms
- The Riser sections elevate the arms above the mounting surface and permits the screen pan and tilt head, or printer tray, to travel horizontally allowing a wide range of positioning options.
- Before attaching the mounting plate to the mounting surface with appropriate fasteners; evaluate the side-to-side range of motion of the arms that are attached to the Riser Caps.
- The Riser Cap Stop prevents the Riser cap and arm from rotating a full 360 degrees around the Riser. It may be advantageous to relocate the stop position to optimize the side-to-side range of motion of the arms for your application.
- To reset the position of the Riser Cap Stops; Turn the mount so that you can access the bottom of the mounting plate, slightly loosen the 5/16-18 bolts with a ½" wrench, slightly loosen the 10-32 Phillips head riser lock screws on the underside of the mounting plate; carefully rotate the risers to locate the stops at the new desired positions; then retighten the bolts and screws.
- The Riser Caps incorporate cable tie points to secure the cables so that they will travel safely as the arms are rotated.

(SEO TERMS FOR ALL COUNTERTOP MOUNTS FOR SCREENS)
We believe in ethical SEO relevancy; the following section was included to assist the all-knowing algorithms in locating this page; however, some humans like it too.
- VESA counter top mount, VESA countertop mounting bracket, VESA countertop mount bracket, Screen countertop mount, screen countertop mounting bracket, screen countertop mount bracket.
- Monitor countertop mount, monitor countertop mounting bracket, monitor countertop mount bracket, POS terminal countertop mount, POS terminal countertop mounting bracket, POS terminal countertop mount bracket.
- Point of Sale POS terminal countertop mount, Point of Sale terminal countertop mounting bracket, Point of Sale terminal countertop mount bracket, KDS countertop mount, KDS countertop mounting bracket, KDS countertop mount bracket, Kitchen Display System countertop mount.
- Kitchen Display System countertop mounting bracket, Kitchen Display System countertop mount bracket, Kitchen production System countertop mount, Kitchen Monitor countertop mount.
- Kitchen video countertop mount. Touchscreen counter top mount, All in One PC counter top mount, Healthcare monitor counter top mount, Industrial process monitor counter top mount, Kiosk counter top mount, Office monitor countertop mount, manufacturing process monitor countertop mount.

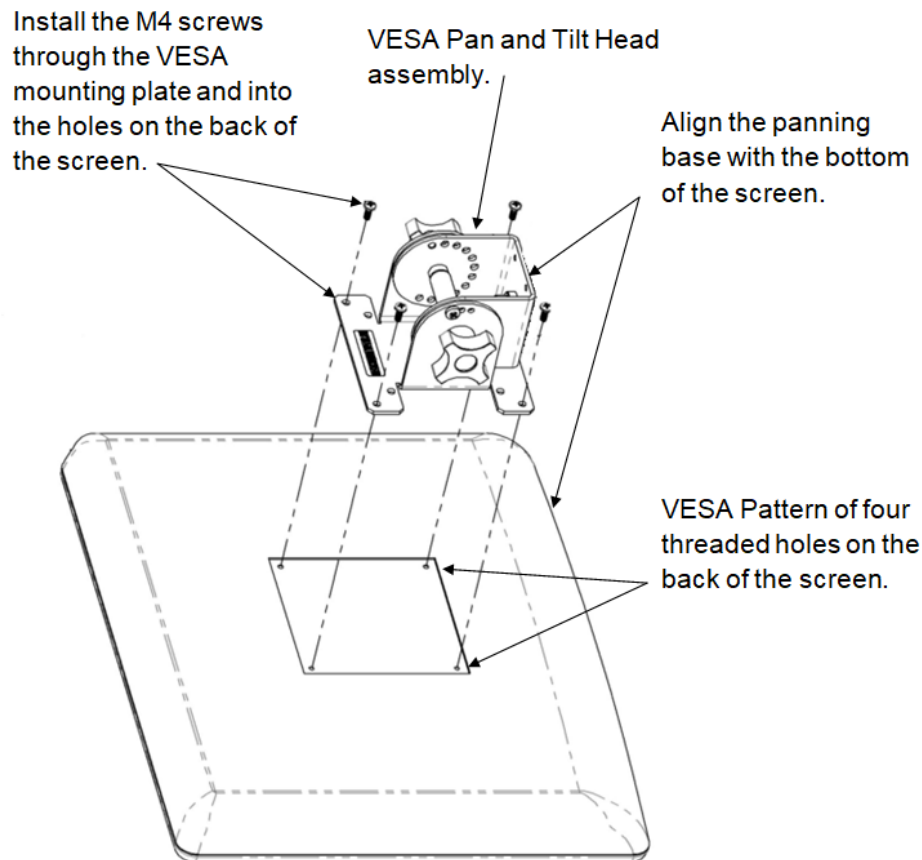MOUNTING PLATE
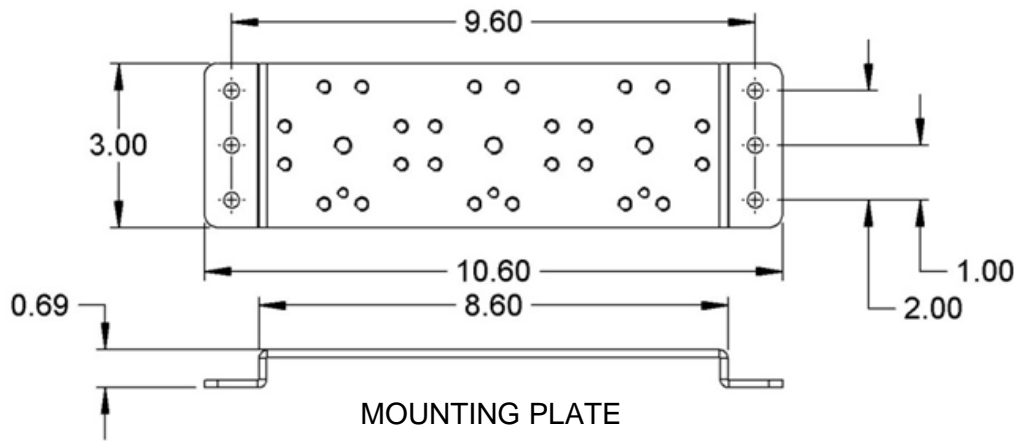
Installation Tips for Screen Mounting Systems

1. 1 Installation of this assembly must be performed by qualifed persons.

1.2 Use fasteners that are appropriate for the materials and structure of the mounting surface.

Tips for locating KDS or POS Screen Mounting Systems

1.1 Care must be taken when locating KDS or POS Screens so that the display can be easily seen by the users (and in some cases touched); and also so that the screen does NOT block access to the pass through window or items such as ingredients, plates, microwaves, etc. that are located on the adjacent shelves.

 1.2 As a general rule of thumb KDS and POS screens should be located to place the center of the display at, or just above, eye level.

1.3 Most KDS screens are supported by mounting systems that are attached directly to the edge of existing kitchen shelves above a production work station or expo area. POS Screens are most often attached to counter tops, Under counter, shelve edges or walls.

1.4 Conduct a careful survey of each POS station, Kitchen work station or expo area. Stand where the users will be standing at their work stations and consider all possible screen locations. Again ; the screens should be located where they are readily accessible; but also where they do not limit access to other important items in the work area.

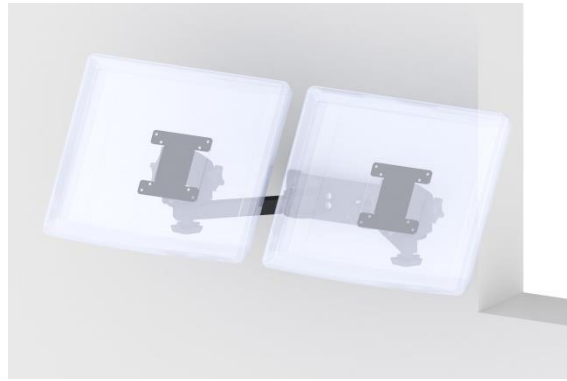## Locating a Screen or Printer mount and examining the range of Motion of the arm(s).

1.1 Cut a section of blue painter's tape that is the same width as the mounting plate and keep this handy.

1.2 Carefully Lift the mounting system, and place the mounting plate in contact with the mounting surface at the proposed mounting location; then consider if the location of the VESA pan and tilt head or printer tray are accessible; but also not creating any conflicts with other items in the work area. If the system has movable arm(s) move these through their entire range of motion and look for conflicts. If conflicts are found; adjust the proposed location of the mounting plate as needed. When the optimum location is discoved; apply the tape to the spot on the mounting surface.

1.3 An alternate method that can be used as an aid in determining the best location for screens or printers is to make a cardboard cut out that has been shaped to closely match the overall dimensions of the intended screen or printer tray. (In a pinch you can also use a tray or a pizza box as a stand in for a screen.) Use these cardboard models as stand in for the actual equipment to assist in demonstrating the best positions of screens or printers.

3.4 If the screen or printer is supported by an arm; locate the pivot points of the arm and then carefully guide the VESA head or printer tray horizontally through the entire range of movement to determine optimum location for the mounting plate. When this location is discovered; apply the tape to the spot on the mounting surface.

Install the M4 screws through the VESA mounting plate and into the holes on the back of the screen.

VESA Pan and Tilt Head assembly.

Align the panning base with the bottom of the screen.

VESA Pattern of four threaded holes on the back of the screen.

Installation Tips - How to Attach the VESA Pan and Tilt Head assembly to the back of a screen:

1. Lay the screen face down on a flat, smooth surface.

2. Hold the VESA Pan and Tilt Head assembly securely, remove the five- point hand knob, lift off the VESA Pan and Tilt Head assembly, and remove the rubber clutch washer from the top of the end of the arm.

3. Orient the flat bottom of the panning base of the VESA Pan and Tilt Head assembly with the bottom of the screen.

4. Set the VESA Pan and Tilt Head assembly with the VESA mounting plate facing down on the back of the screen.

4. Align the square pattern of either 75mm or 100mm spaced holes in the VESA mounting plate with the pattern of four tapped holes on the back of the screen.

5. Carefully install the four supplied M4 screws through the holes in the VESA mounting plate and into the tapped holes on the back of the screen.

6. Place the rubber clutch washer on the top of the end of the arm.

7. Carefully lift the Screen with the attached VESA Pan and Tilt Head assembly, align the tapped hole in the panning base with hole in the rubber clutch washer on the top of the end of the arm, reinstall the shaft of the five-point hand knob up through the underside of the arm, through the rubber clutch washer and then carefully thread it into the panning base.

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Also available in a dual screen wall mount configuration:

PN 80004

Partial list of Compatible Touchscreen Computers, Interactive displays, All-in-One PCs
- elo Touchscreen Computer and Interactive displays 10-inch I-Series 4 for Android E389883, E411266, E390647, E411643.
- elo Touchscreen Computer and Interactive displays 15-inch I-Series 4 for Android E390075, E412033, E391032, E412421.
- elo Touchscreen Computer and Interactive displays 22-inch I-Series 4 for Android E390263, E412818, E391414, E413211.
- elo Touchscreen Computer and Interactive displays 15-inch I-Series for Windows (2.0) E691852, E692048, E850204, E850003, E692244, E692448.
- elo Touchscreen Computer and Interactive displays 22-inch I-Series for Windows (2.0) E692640, E692837, E850591, E850387, E693022, E693211.
- elo 15-inch (4:3) EloPOS Systems E931330, E931524, E590979, E494164, E587032, E931706, E931896, E590570, E494361, E932090, E932274, E407443, E485078, E590763.
- elo 15-inch (16:9) EloPOS Systems E440439, E440234, E397891, E441010, E440808, E441385, E441193, E441781, E441575, E262258, E397698, E263402, E442161, E441968, E442550, E442365, E892954, E841559, E877703, E892761, E935572, E935367, E841357, E395937, E935967, E935775, E407627, E880567, E396134, E727037, E936365, E936163, E936750, E936556, E536624, E939305, E939498.
- elo 17-inch (5:4) EloPOS Systems E402183, E401992, E485278, E484096, E491271, E402576, E402382, E484495, E484291, E491458, E402963, E402781, E484700, E484896.
- 22-inch EloPOS Systems E937154, E936953, E413988, E414192, E511988, E937523, E937340, E612017, E375459, E410884, E910541, E397507, E511785, E937919, E937720, E938297, E938113, E560404, E417915.
- Dell All-in-one OptiPlex 3290, OptiPlex 3090, OptiPlex 7490, OptiPlex 7780, OptiPlex 5480, OptiPlex 5490, Inspiron 24 5000, Inspiron 27 7000.
- HP, HP Chromebase, Envy, AIO, Pavilion, Office 365, All-in-One - 2Z1Z3AV_1, 20W72AA#ABA, 20W60AA#ABA, 3UQ98AA#ABA, 20W59AA#ABA, 20W58AA#ABA, 3UR17AA#ABA, 20W57AA#ABA, 10M73AV_1, 8AJ56AV_1, 3UR10AA#ABA, 20W66AA#ABA, 3UQ97AA#ABA, 22_AiO_O365P_Kit, 3UQ96AA#ABA, 8AJ03AV_1, 3UR18AA#ABA, 3UR02AA#ABA.
- Lenovo IdeaCentre, ThinkCentre F0E5002DUS,   F0FQ0008US, F0EX0001US,   F0FB001RUS, F0FB0077US, F0FB007FUS.
- Cybernet iOne S24, iOne S22, iOne S20, iOne S19.

ALL PRODUCTS PATENT PENDING

Interactive Catalog of Counter Top Mounts for Screens
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For more information; click on the images or descriptions to visit the individual product pages on our website.
PDF Product Information Sheets are available at the Product Attachments tab on each product page.
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PN 80080 - Pedestal Mount with a 6" Riser + 8" arm + a 75/100mm VESA Screen Pan and Tilt Head

PN 80081 - Pedestal Mount with a 3" Riser + an 8" arm + 75/100mm VESA Screen Pan and Tilt Head

PN 80089 - Countertop Fixed Pedestal Mount with two 6" Risers + two 8" arms + two 75/100mm VESA Screen Pan and Tilt Heads

PN 80090 - Podium Telescoping Pedestal Mount

PN 80100 - Countertop Fixed Pedestal Mount with a 6" Riser + 75/100mm VESA Screen Pan and Tilt Head

PN 80101 - Countertop Fixed Pedestal Mount with a 3" Riser + 75/100mm VESA Screen Pan and Tilt Head

PN 80102 - 7 axis counter top mount with 8 inch extendable arm + biased pan and tilt head

PN 80102-20 - 7 axis counter top mount with 20 inch extendable arm + biased pan and tilt head

PN 80102-26 - 7 axis counter top mount with 26 inch extendable arm + biased pan and tilt head

PN 80105 - 5 Axis Counter Top Mount with a 15" Arm + a Panning Mounting Plate + a VESA Pan & Tilt Head
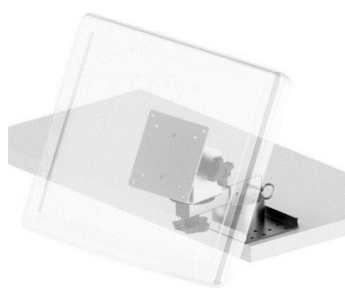
PN 80112-CH - Shelf Edge Mount with Panning mounting Plate + Adjustable Short Arm + Biased VESA Pan and Tilt Head
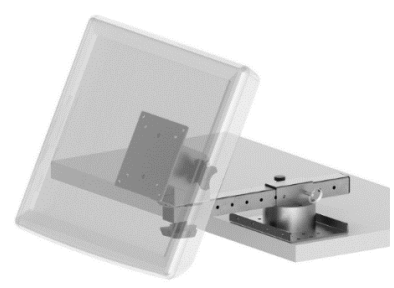
PN 80113-CH - Shelf Edge Mount with a long Adjustable Arm + a Panning Mounting Plate + a Biased 75/100mm VESA Pan & Tilt Head (Chrome)

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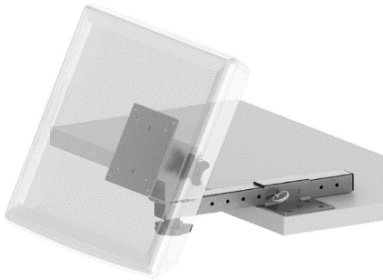
PN 80117 - Shelf Edge Mount with Fixed Mounting Plate + Adjustable Long Arm + Bias VESA Pan and Tilt Head
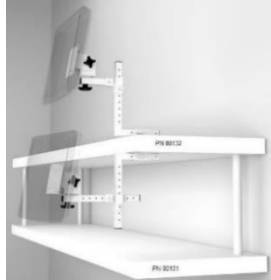
PN 80131 - Over/Under Shelf Edge Mount or Counter Top Mount with Long Extension Arm

PN 80132 - Over/Under Shelf edge mount or Counter top mount with short extension arm
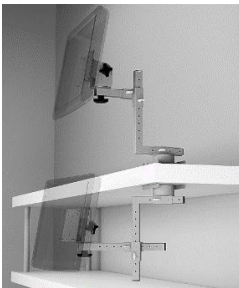
PN 80135-CH - Over/Under Shelf or Counter with Panning Plate Mount and Long Extension Arm
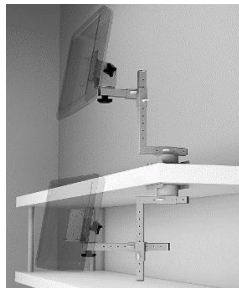
PN 80136-CH - Over/Under Shelf or Counter with Panning Plate Mount Short Extension Arm
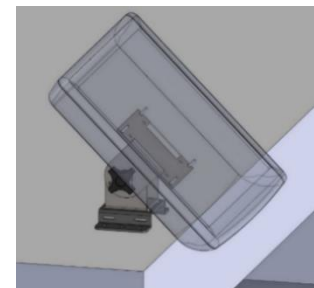
PN 80140 - Low Profile Tilting Mount with a 75/100mm Screen Pan and Tilt Head

PN 80177 - VESA Screen Tandem Counter Top Stand

PN 80177-RMD - Universal VESA POS Rear Marketing Display Counter Top Stand

PN 80620 - Countertop Movable Pedestal Mount with a 3" Riser + a 75/100mm VESA Pan and Tilt Head

PN 80621 - Countertop Movable Pedestal Mount with a 6" Riser + a 75/100mm VESA Pan and Tilt Head
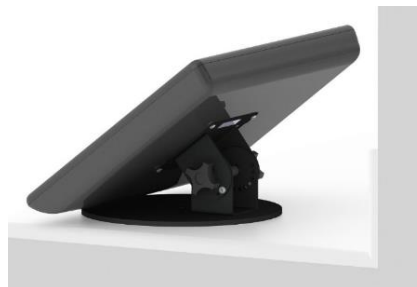
PN 80622 - Countertop Movable Pedestal Mount with a 75/100mm VESA Pan and Tilt Head
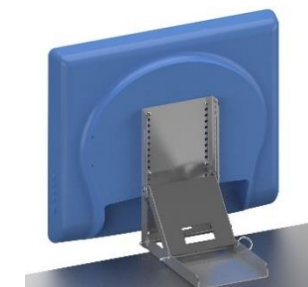
PN 80943-SS - Ultra Low Profile Tilting Countertop Mount

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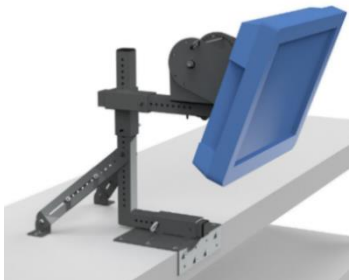
PN 80970-CH - 35LB Over/Under
Counter/Shelf Mount with a 100mm
VESA Pan & Tilt Head
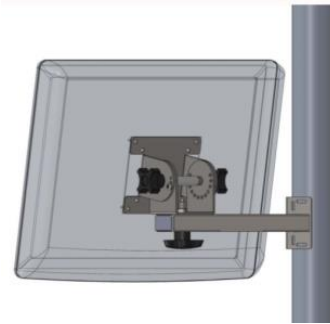
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Interactive Catalog of Product Sub Groups

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Click on the images or descriptions to visit the individual product sub group pages on our website.
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Wall Mounts for Screens

Wall Mounts for POS Printers

Wall Mounts for Screens and POS Printers
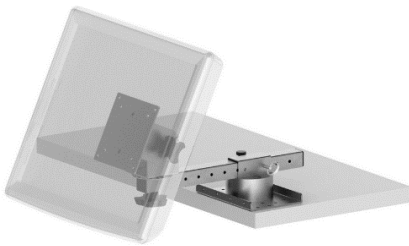
Shelf Edge Mounts for Screens

Shelf Edge Mounts for POS Printers

Shelf Edge Mounts for Screens and POS Printers
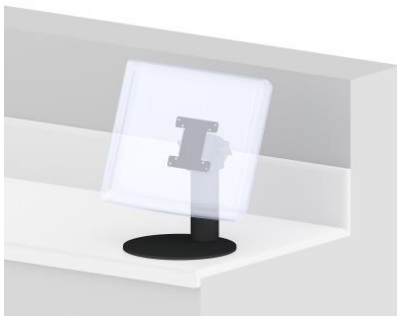
Counter Top Mounts for Screens

Counter Top Mounts for POS Printers
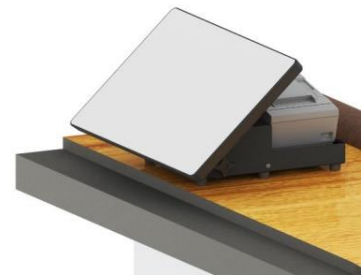
Counter Top Mounts for Screens and POS Printers

Under Counter Mounts for Screens

Under Counter Mounts for POS Printers

Under Counter Mounts for Screens and POS Printers

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Pole Mounts for Screens

Pole Mounts for POS Printers

Ceiling Mounts for Screens

Oracle MICROS Mounting Systems

NCR Aloha KDS Mounting Solutions

QSR KDS Mounting Solutions

Logic Controls Bematech KDS
Mounting Solutions

Universal Kitchen Display System
Mounting Packages

Enclosures for Touchscreen, Monitors
and Thin Clients
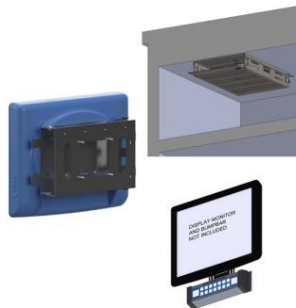
Back Of Screen VESA Mounts for
Controllers, Thin Clients, Bump Bars,
Tap+ Touch + EMV Readers

Stainless Steel Wireways
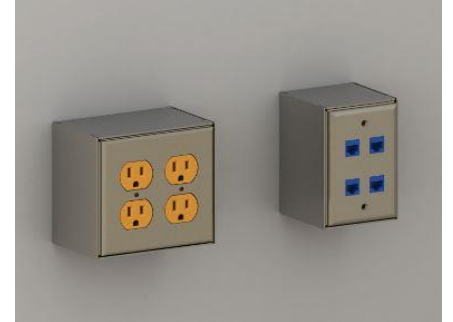
Stainless Steel Power and Data Outlet
Monuments

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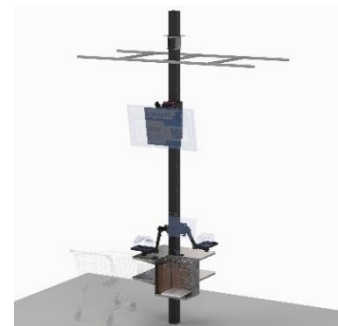Movable Countertop POS Stands

Direct Mount Countertop POS Stands
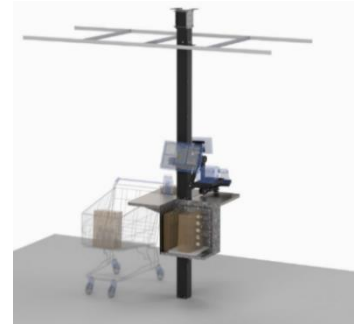
POS Cashier Pole Stands
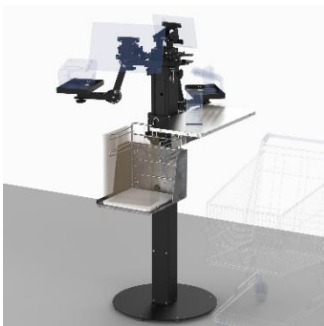
POS Cashier Floor Stands

POS Self-Check Out Kiosk Floor Stands

POS Self- Check Out Kiosk Pole Stands

Take Out Pickup Pole Stands

Take Out Pickup Floor Stands

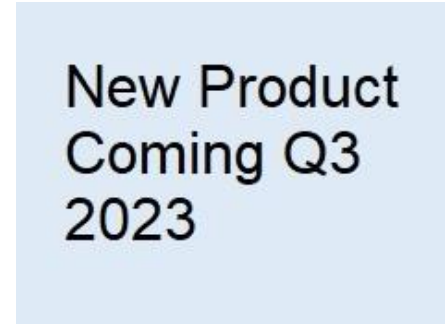Information Kiosk Floor Stands
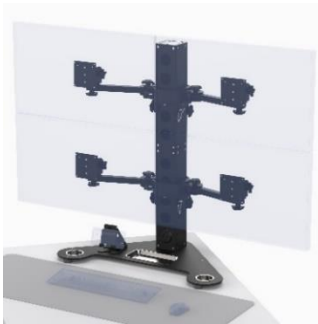
Desktop Multi-Screen Pedestal Stands

4X4 Pole Clamp on Mounts

New Product Coming Q3 2023

Mobile Cashier Stands

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ALL PRODUCTS PATENT PENDING

Interactive Catalog of Product Sub Groups
There are many individual products included in the various product sub groups featured on these pages.
Click on the images or descriptions to visit the individual product sub group pages on our website.
For Information about individual products; click on the "Product Attachments" tab on each of the individual product pages.
Practical Quality Systems Home Page

Mobile Self-Check Out Stands
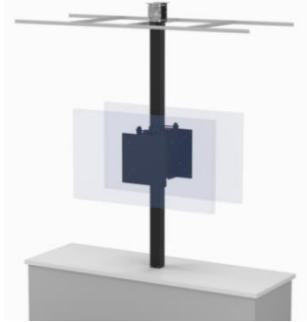
Digital Signage Pole Stands

Stationary Podiums

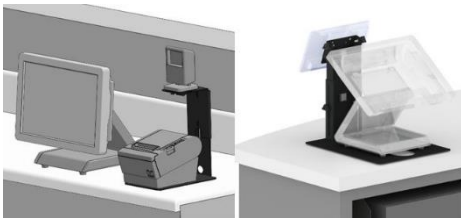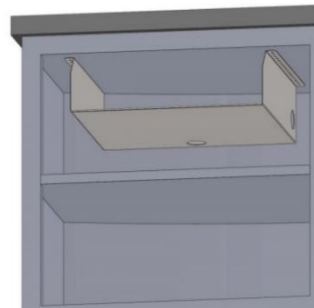Stationary Podiums with Ceiling Feed Pole

Mobile Podiums

Ingenico Lane Reader Mounting Systems

Other Counter Top Mounts

Cash Drawer Mounting Solutions