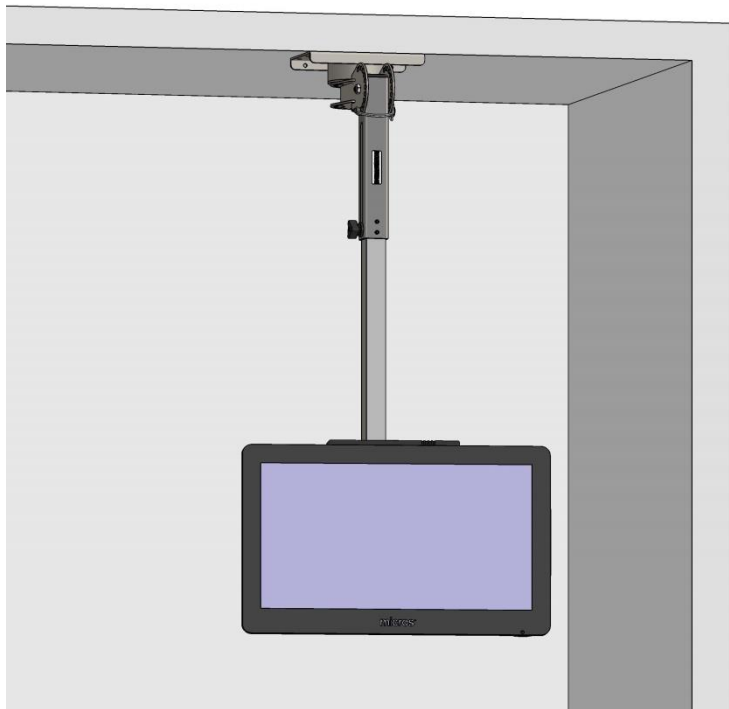


# PQS

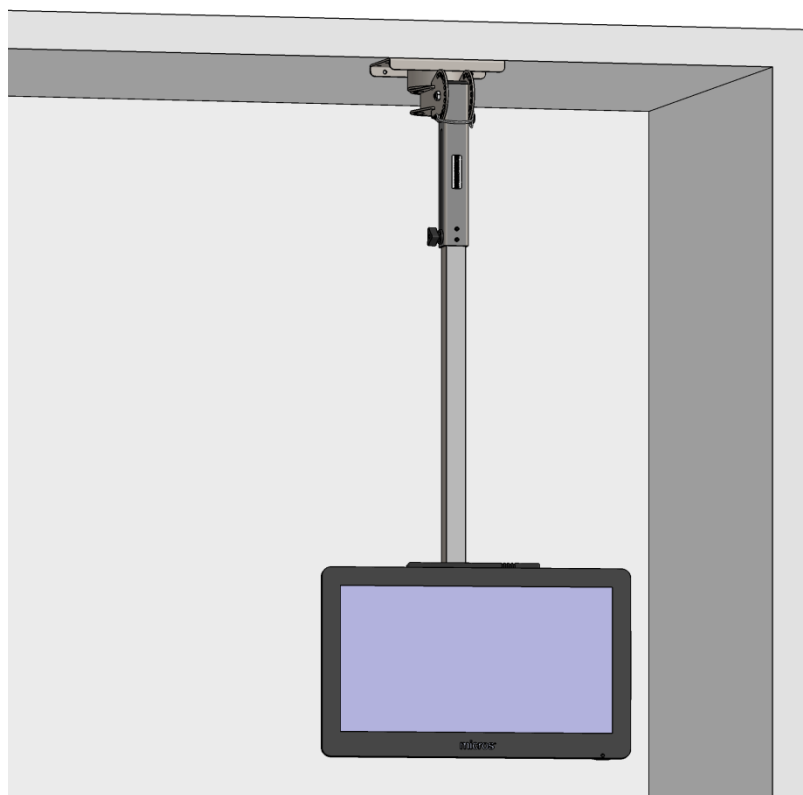
PRACTICAL QUALITY SYSTEMS  
*Fast Custom Manufacturing - Nationwide Installation Services*



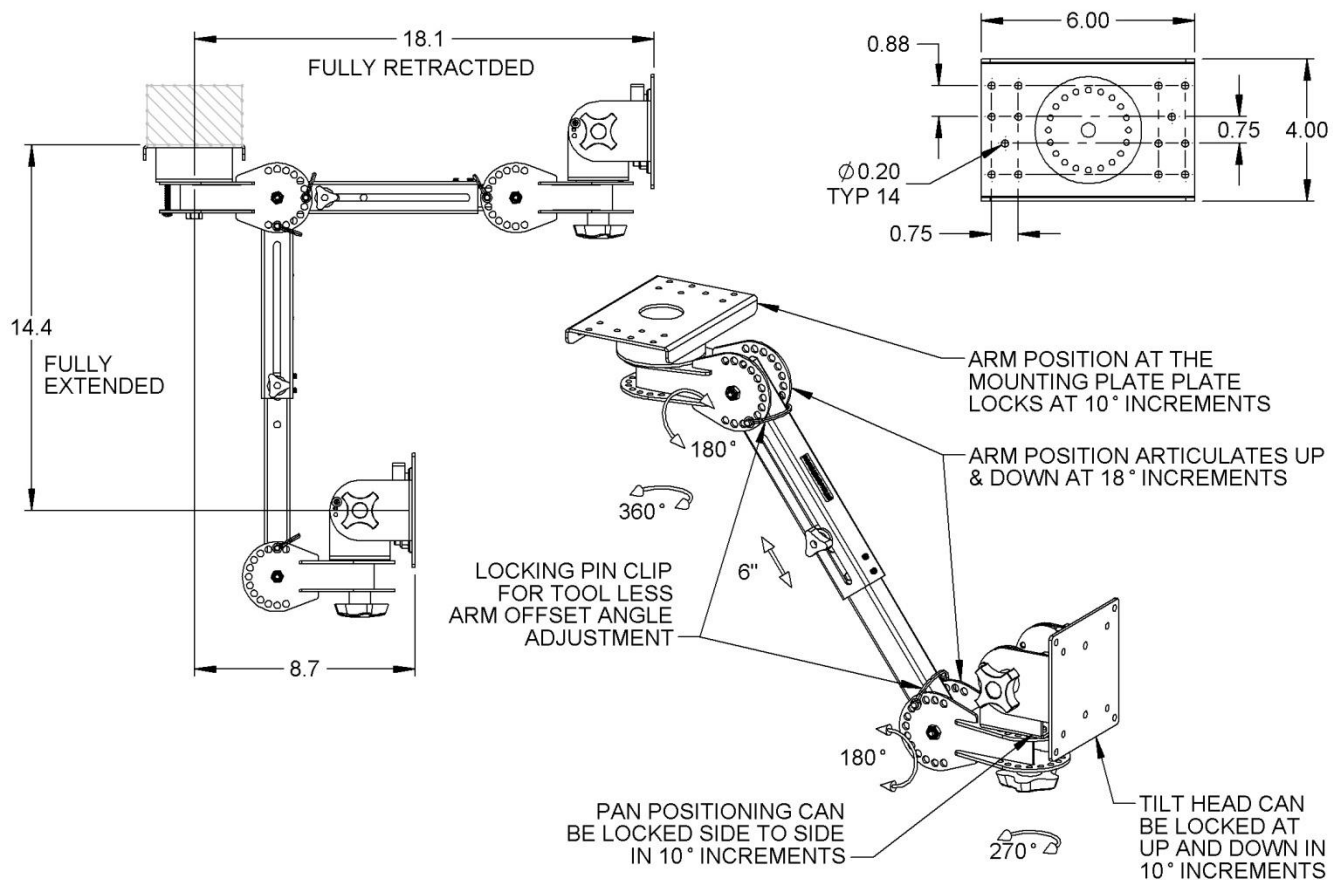
PN 80104-MICROS



PN 80104-20-MICROS



PN 80104-26-MICROS

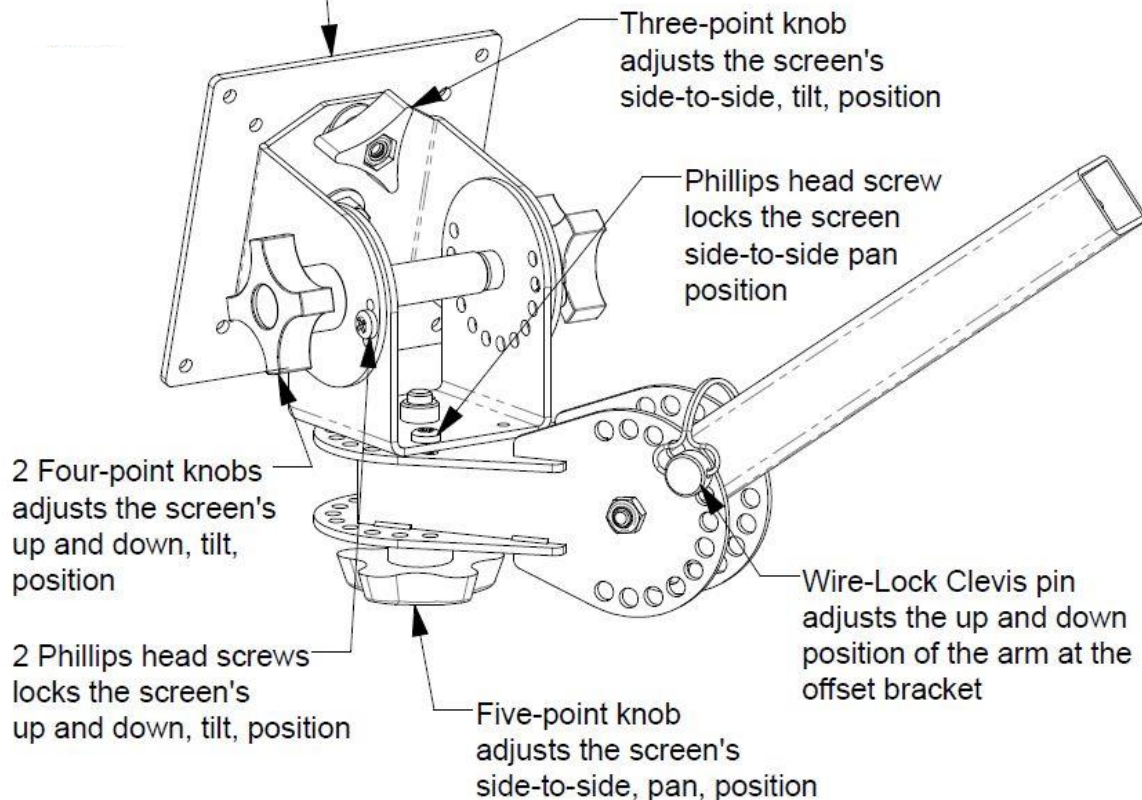


Note - PN 80104-MICROS shown above; however the basic mechanics of PN 80104-20-MICROS and PN 80104-26-MICROS are the same; only the lower arm sections are longer.

### General Features

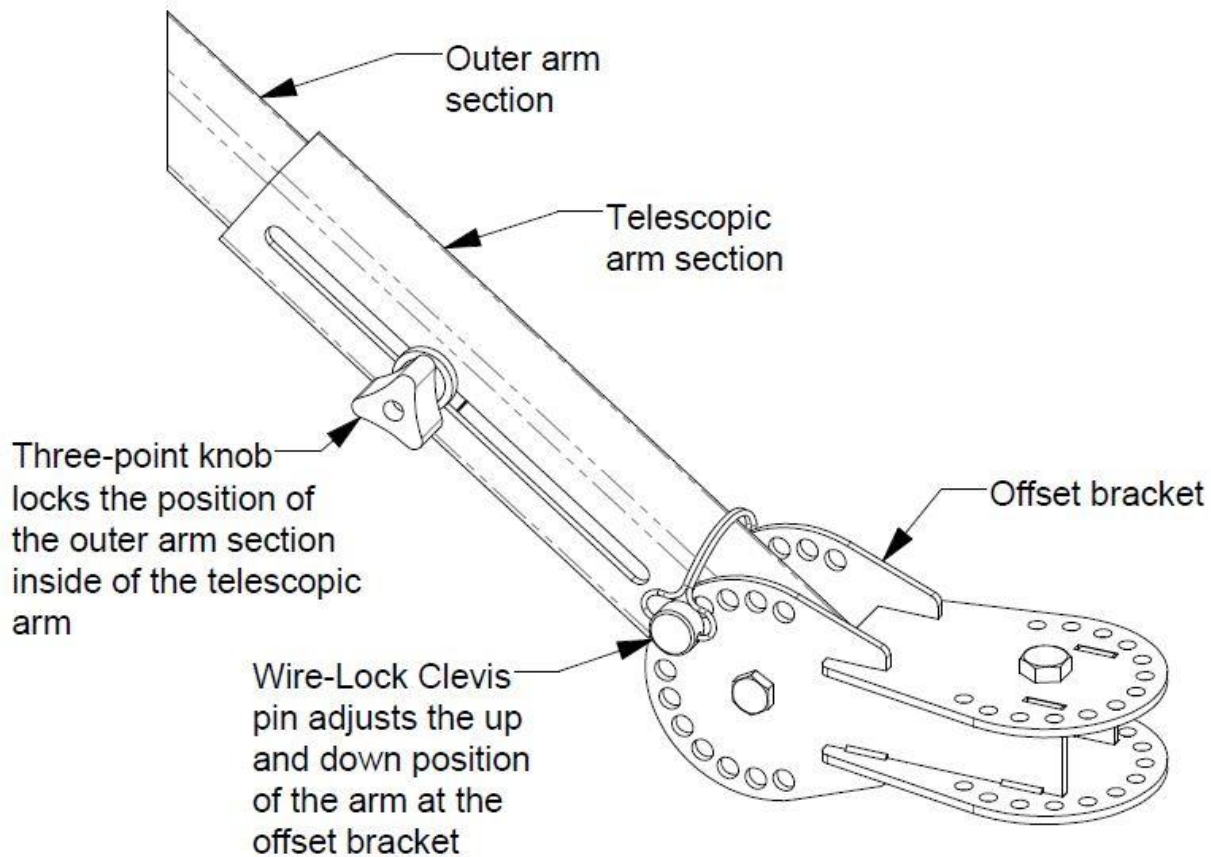
- These articulating ceiling mounts support MICROS terminals with the MICROS Quick Connect tabs and slots mounting standard for Point of Sale / POS, Kitchen Display Systems / KDS in commercial kitchens, retail, restaurants, offices, industry, shops, medical, maritime, schools, laboratory and many other applications.
- An innovative set of joint assemblies allow seven axis of position adjustment when attached to a Ceiling shelf or other flat, horizontal surface. This assembly is also available in wall and countertop mount configurations.
- Beyond having very 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.
- This assembly supports up to 25 lbs., is made from steel and finished with a durable, black, low gloss, micro wrinkle powder coat that resists fingerprints.
- Visit [kitchendisplaysystems.com](http://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.

MICROS quick connect  
tabs and slots adapter  
plate is attached here



#### **Enhanced MICROS compatible Pan and Tilt Head with side-to-side tilt adjustment on an Offset Arm Bracket**

- A universal mount that works with any MICROS compatible terminal with then tabs and slots standard.
- Tightening the 2 four-point knobs applies variable clutching resistance to allow adjustment of the up and down tilt position of the terminal. 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 Offset bracket applies variable clutching resistance to allow adjustment of the side-to-side pan position of the terminal. A 10-32 Phillips head screw in the center of the lower Panning plate can be tightened to permanently secure the pan position.
- Tightening the three - point knob at the rear center of the MICROS compatible mounting plate applies variable resistance to allow adjustment of the side-to-side terminal tilt position.
- Tighten the 10-32 Phillips head screw on the lower Panning plate into one of the holes in the Offset bracket to permanently secure the pan position.
- The Offset Bracket attaches the MICROS compatible pan and tilt head to the end of the arm and allows adjustment of the up and down "Offset angle" of the arm.
- Adjusting the Up and down position of the arm at the Offset bracket: Remove the 1/4" Wire-Lock Clevis Pin from the Offset Bracket to adjust the up and down position of the arm; then reinsert the pin into one of the holes in the Offset bracket and through the arm to secure the new position.



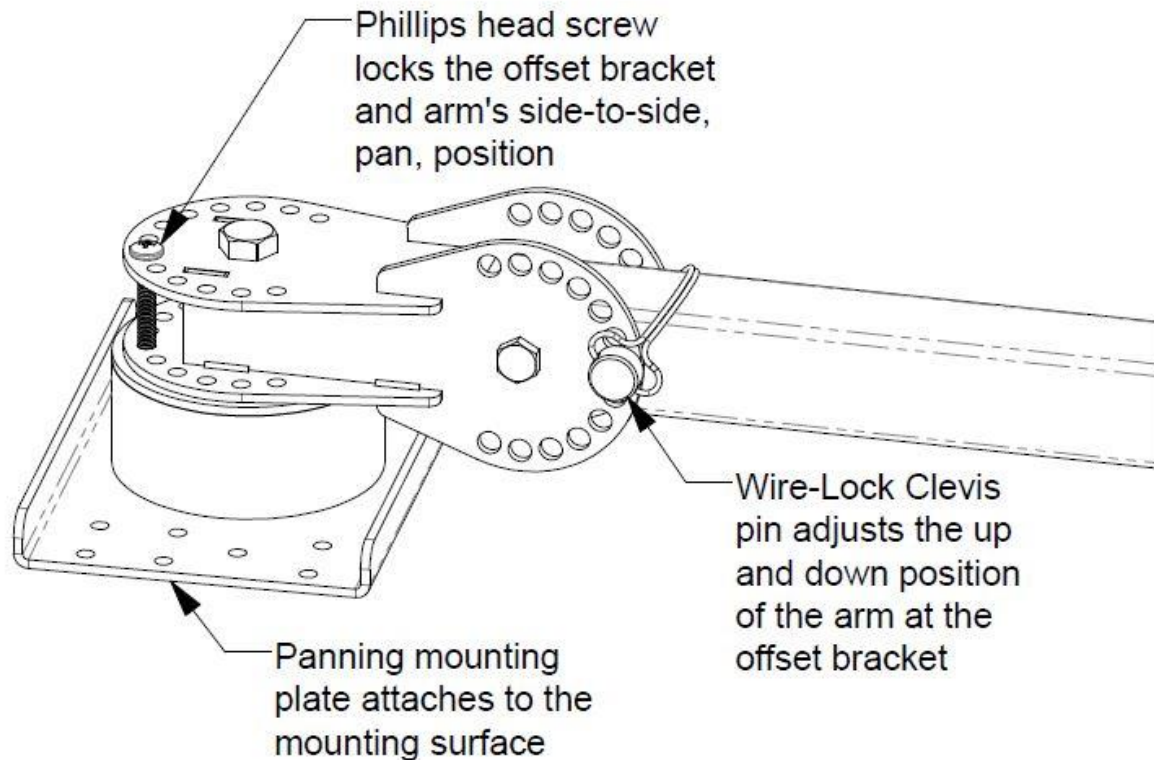
### Telescopic Arm Section

The overall length of the Telescopic arm section can be adjusted up to 6 inches. To adjust; grasp the inner arm and slightly loosen the three-point knob just until the inner arm can be moved. Pull the inner arm out to extend it or push it in to retract the arm to the desired new length; then retighten the knob to secure the position.

### Below is a partial list of Oracle MICROS compatible Terminals that use the MICROS Quick Connect tabs and slots mounting standard:

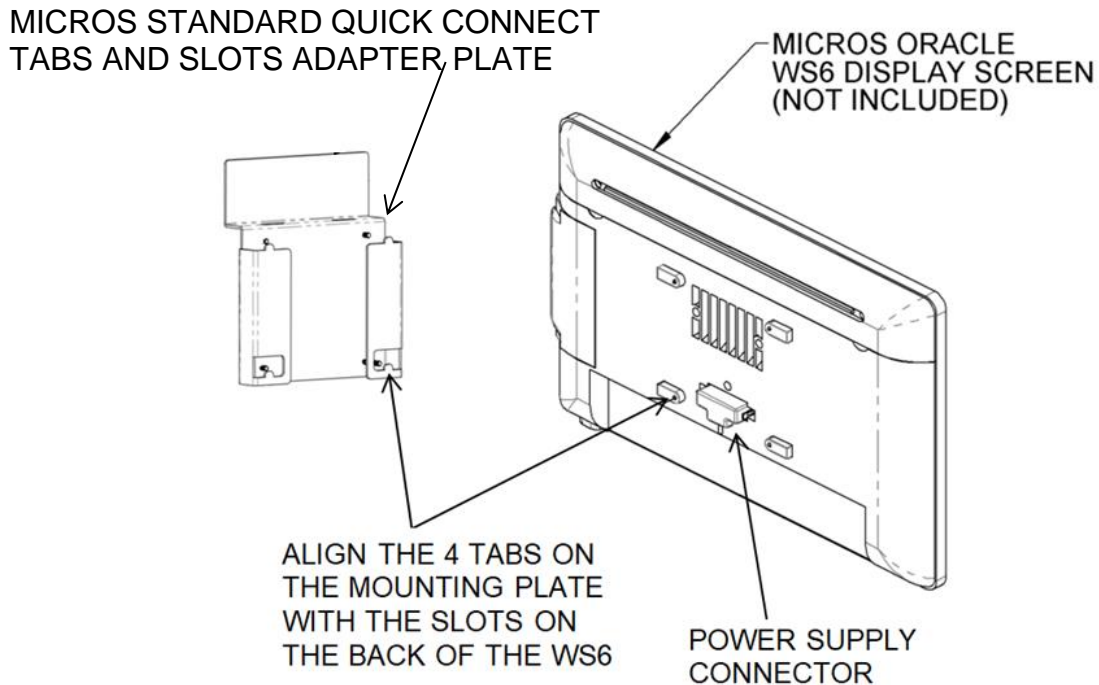
- Oracle MICROS Workstation 625X.
- Oracle MICROS Workstation 655X.
- Oracle MICROS Workstation 6 POS Terminal.
- Oracle MICROS Workstation 610.
- Oracle MICROS Workstation 620.
- Oracle MICROS Workstation 625.
- Oracle MICROS Workstation 650.
- Oracle MICROS Workstation 625.
- Oracle MICROS Workstation 655.
- Oracle MICROS Compact Workstation 310.
- Oracle MICROS Express Station 4 Series.
- Oracle MICROS Express Station 400.
- Oracle MICROS Express Station 410.





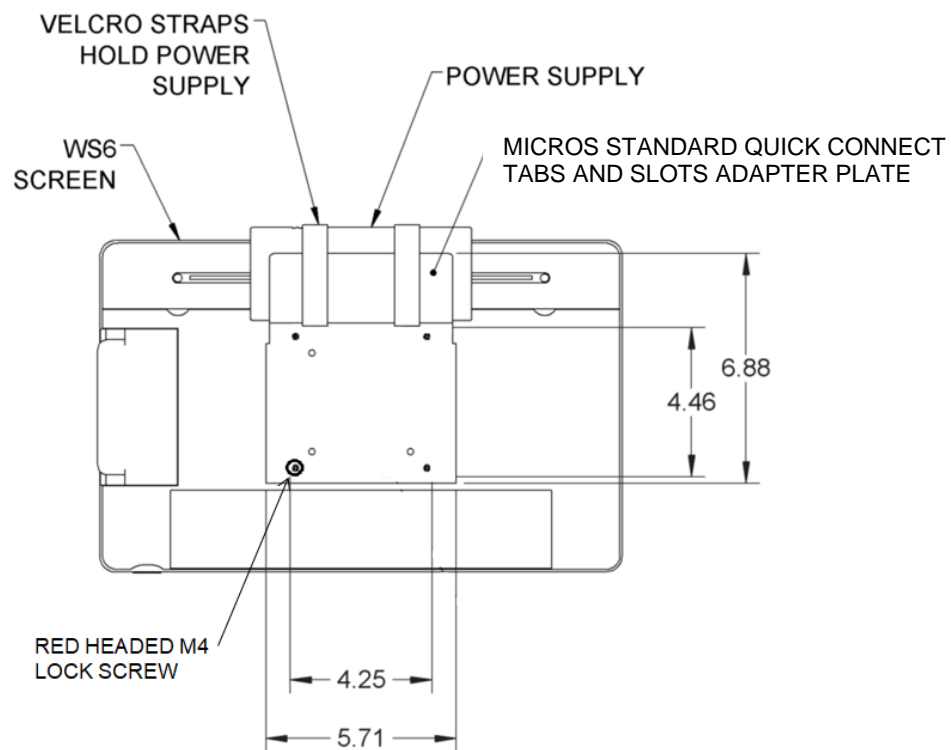
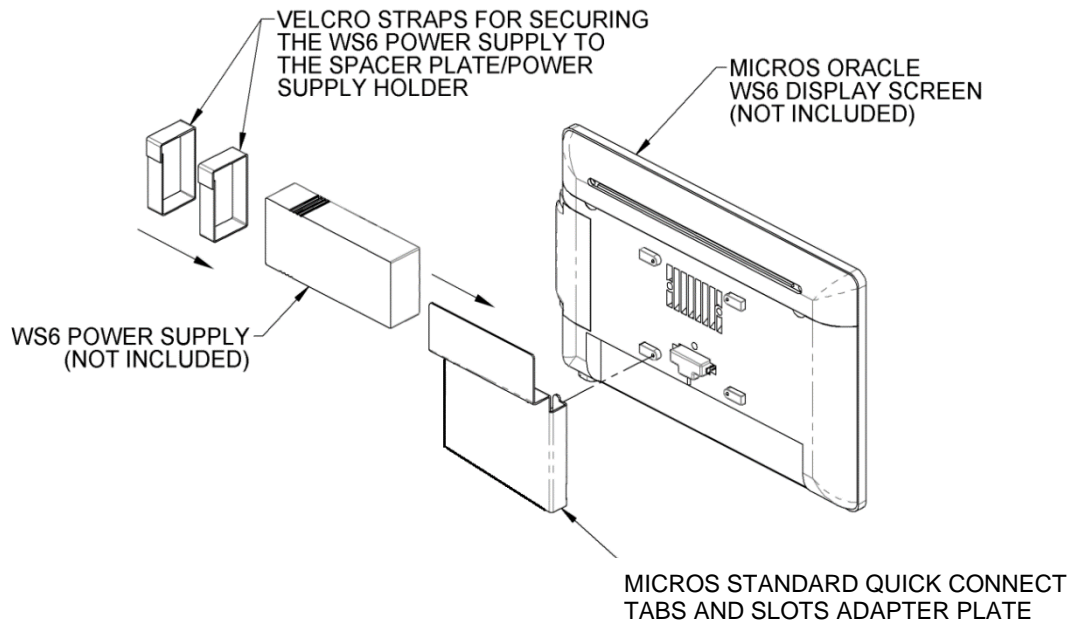
#### **Panning Ceiling Mounting Plate, Offset Bracket and Arm**

- The Panning Ceiling Mounting Plate supports one arm assembly and can be attached to any flat, smooth horizontal surface.
- Attach the mounting plate to the mounting surface with appropriate fasteners.
- The side-to-side pan position resistance is preset at the factory with a 5/16" bolt in the center of the upper standoff plate to allow the arm offset bracket to move freely side to side and should not need adjustment. However, a 1/2" wrench can be used to adjust the tension on this bolt.
- To adjust the side-to-side pan position of the Offset Bracket and Arm; remove the 10-32 Thumbscrew from the top of the Panning Ceiling Mounting Plate; adjust the arm position, then reinstall the thumbscrew into one of the holes in the top of the round section on the mounting plate.
- The Offset Bracket attaches the arm to the Panning Ceiling Mounting Plate and allows adjustment of the up and down "Offset angle" of the arm.
- Adjusting the Up and down position of the arm at the Offset bracket: Remove the 1/4" Wire-Lock Clevis Pin from the Offset Bracket to adjust the up and down position of the arm; then reinsert the pin into one of the holes in the Offset bracket and through the arm to secure the new position.
- Note; it is best to keep the Offset positions of both the upper and lower Offset brackets on an arm assembly "matched" so that the Panning base of the MICROS compatible pan and tilt head remains horizontal. Example; if the upper Offset bracket and the Mounting plate is set to place the arm in the 1<sup>st</sup> position at an outward angle from the wall; then the position of the Lower Offset bracket should be set to the 1<sup>st</sup> position in the opposing angle to match it and keep the Panning base of the MICROS compatible pan and tilt head horizontal



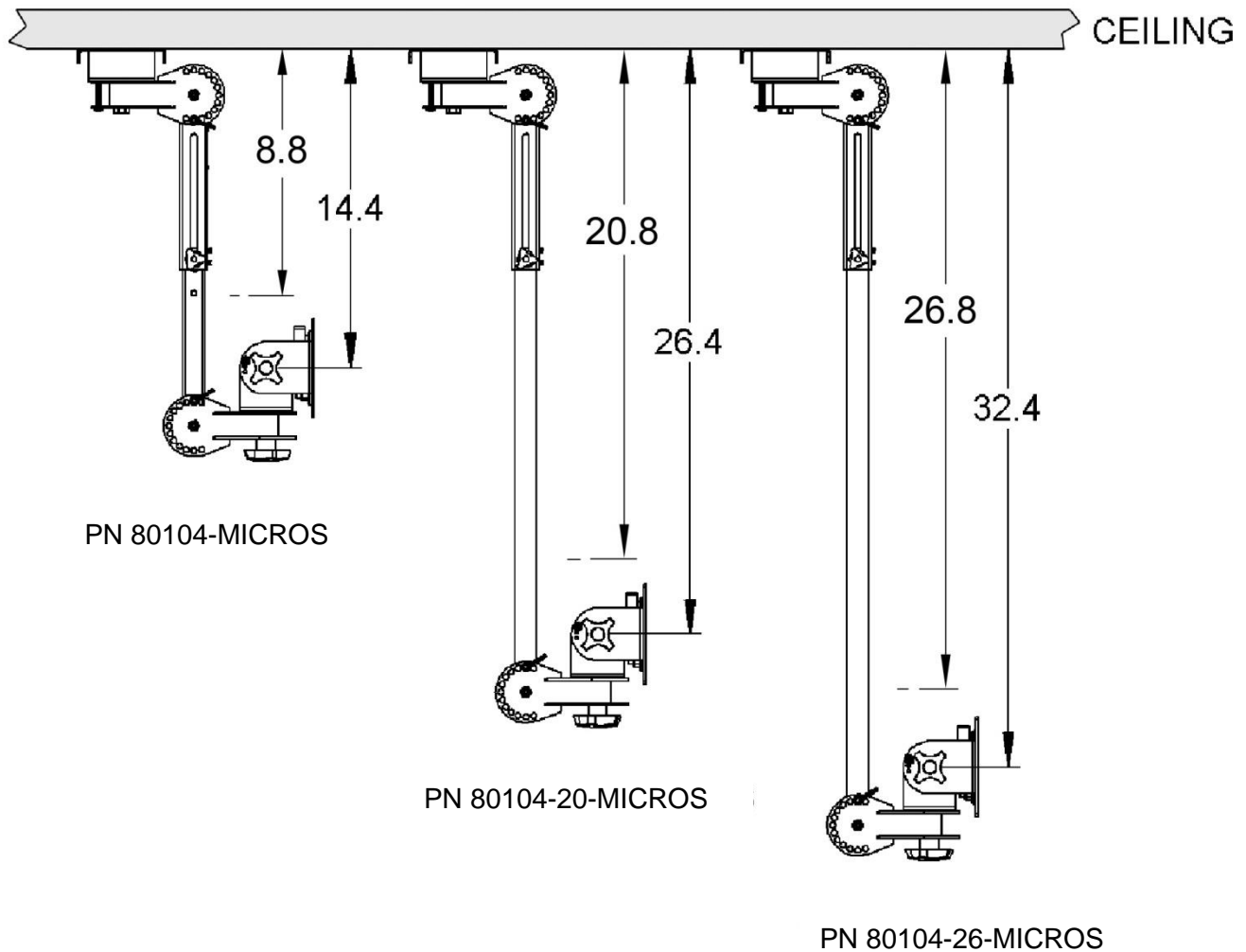
**Installation Tips - How to Attach the Oracle MICROs compatible Quick Disconnect Adapter Pan and Tilt Head assembly to the back of a screen:**

1. Lay the terminal face down on a flat, smooth surface.
2. Hold the Pan and Tilt Head with the MICROs compatible quick connect adapter assembly securely, remove the five- point hand knob from the underside of the end of the arm, lift off the Pan and Tilt Head with the MICROs quick connect adapter assembly, then 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 Pan and Tilt Head with the MICROs quick connect adapter assembly with the bottom of the terminal.
4. Set the Pan and Tilt Head with the MICROs quick connect adapter assembly with the plate facing down on the back of the terminal.
5. Align the square pattern of four tabs on the adapter plate with the pattern slots on the undersides of the four raised stand -offs on the back of the terminal; and then guide the two together until the tabs are fully inserted into the slots.
6. Carefully tighten the RED headed M4 screw through the plate and into the stand - off on the back of the terminal, then carefully test that the terminal is now securely locked to the adapter plate.
7. Place the rubber clutch washer on the top of the end of the arm.
8. Carefully lift the terminal with the attached Pan and Tilt Head with the MICROs quick connect adapter 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.



Install the Oracle MICROS External Power Supply PN 400351-038-PT or other model on the power supply holder and secure with the hook and loop straps.

Once the four taps on the adapter plate are properly inserted into the four slots on the back of the terminal; tighten the red headed lock screw to secure the WS6 or other terminal to the adaptor plate.



There are three extension arm assembly sections available. Please specify when ordering.  
Each assembly is shown with dimensions that reflect the fully retracted and fully extended positions.

PN 80104-MICROS with an 8 ½"L arm which allows the mount to extend from 14"L to 19 1/2"L

PN 80104-20-MICROS with a 20"L arm which allows the mount to extend from 26"L to 31 ½" L

PN 80104-26-MICROS with a 26"L arm which allows the mount to extend from 32" to 37 ½" L

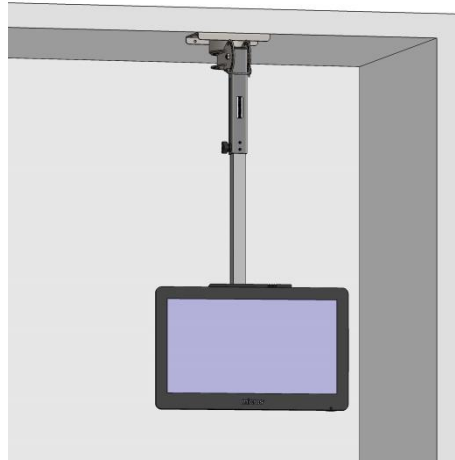
**We believe in ethical SEO relevancy; the following section was included to assist the all-knowing algorithms in locating this page; however, some humans like it too.**

- MICROS Ceiling mount, MICROS Ceiling mounting bracket, MICROS Ceiling mount bracket, MICROS Terminal Ceiling mount, MICROS Terminal Ceiling mounting bracket, MICROS Terminal Ceiling mount bracket.
- MICROS Point of Sale terminal Ceiling mount, MICROS KDS Ceiling mount, MICROS KDS Ceiling mounting bracket, MICROS KDS Ceiling mount bracket, MICROS Kitchen Display System Ceiling mount.

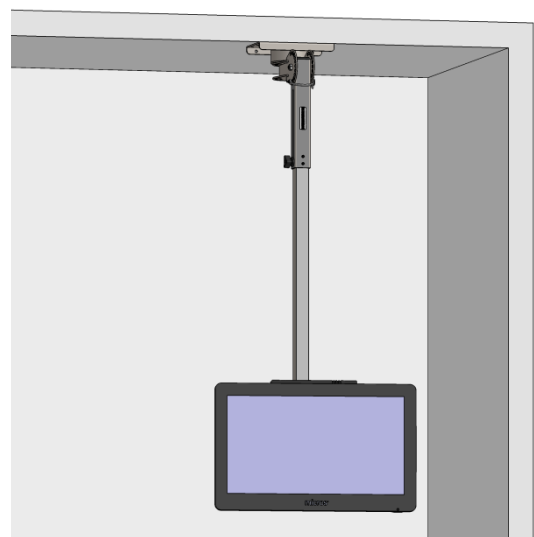




PN 80104-MICROS



PN 80104-20-MICROS



PN 80104-26-MICROS

### Installation Tips for Screen Mounting Systems

- 1.1 Installation of this assembly must be performed by qualified 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, shelf 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.



PN 80104-MICROS

### **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 MICROS 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 discovered; 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 MICROS pan and tilt 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.

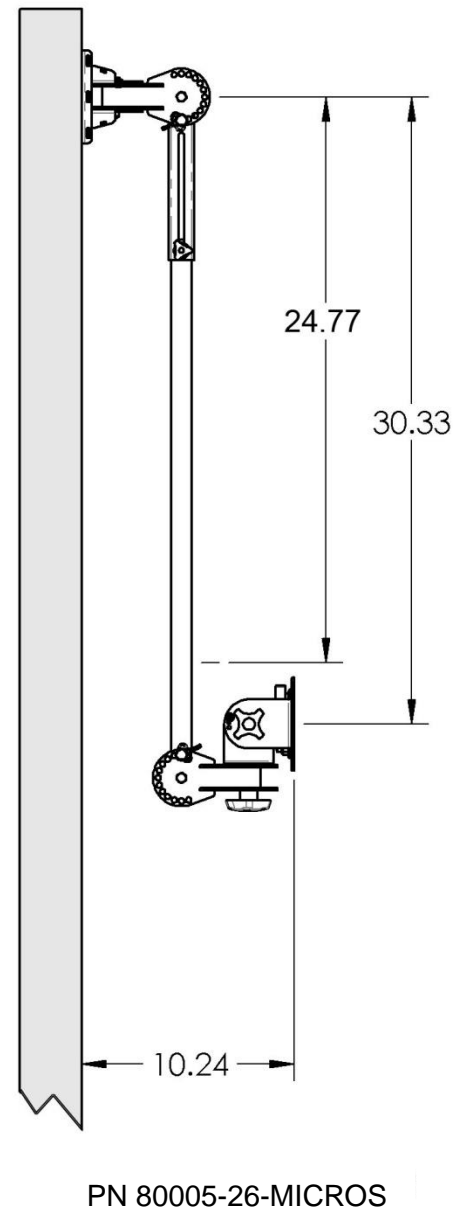
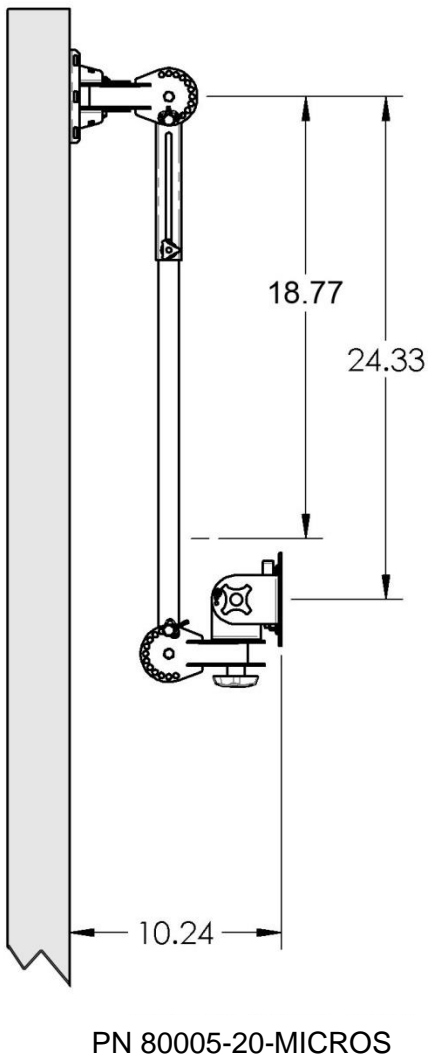
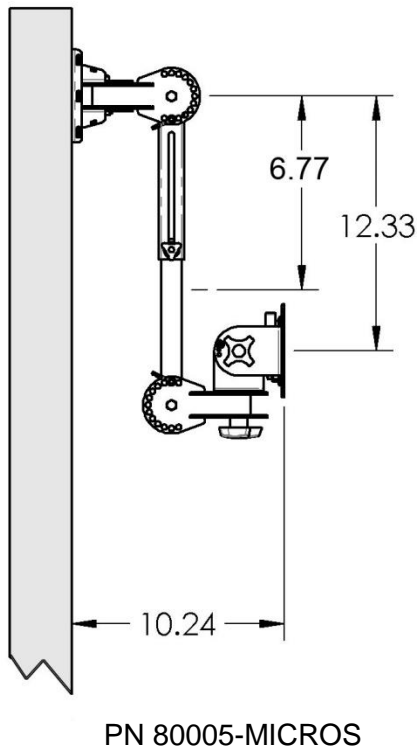
The three mounting systems below are available in wall mount configurations with similar seven axis functionality.

PN 80005-MICROS Includes an 8.63" long lower arm that allows the mount to extend from 7" to 12"+

PN 80005-20-MICROS Includes a 20.63" long lower arm that allows the mount to extend from 19" to 24"

PN 80005-26-MICROS includes a 26.63" long lower arm that allows the mount to extend from 25" to 30"

Custom length lower arm assemblies are also available. Please contact our design team.



**Interactive Catalog of Mounting Systems for Workstation 610, Compact 310 & Express Station 400**

These mounts are included in the [Mounting Systems for Workstation 610, Compact 310 & Express Station 400](#) product group pages on our website.

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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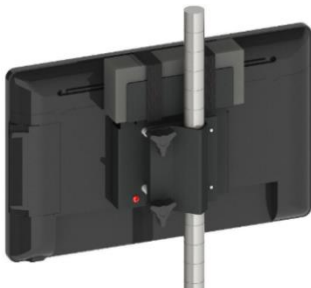
[PN 80000-MICROS - Wall Mount + adjustable 8\"/>](#)



[PN 80005-MICROS - Wall Mount + 7 axis adjustable arm + WS6 biased Pan - Tilt Head + PS holder](#)



[PN 80016-MICROS - Clamping mount for a 1\"/>](#)



[PN 80017-MICROS - Clamping mount for a 1\"/>](#)



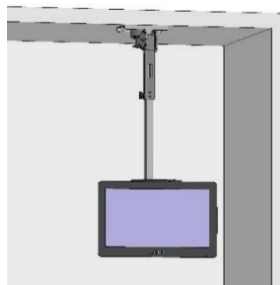
[PN 80050-MICROS - Wall Mount + adjustable 15\"/>](#)



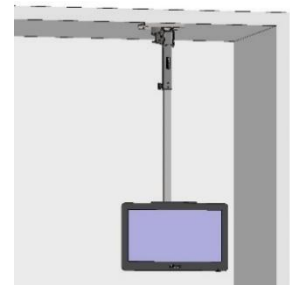
[PN 80053-MICROS - Wall Mount + 8\"/>](#)



[PN 80100-MICROS - Countertop Fixed Pedestal Mount + 6\"/>](#)



[PN 80104-2026-MICROS - 7 Axis Ceiling Mount + 20\"/>](#)



[PN 80104-2632-MICROS - 7 Axis Ceiling Mount + 26\"/>](#)



[PN 80104-MICROS - 7 Axis Ceiling Mount + Extendable Arm + Biased WS6 Pan - Tilt Head + PS holder](#)

[info@practicalqualitysystems.com](mailto:info@practicalqualitysystems.com)



[PN 80117-MICROS - Adjustable Arm Shelf Edge Mount + WS6 Pan - Tilt head + PS holder](#)

[WWW.PRACTICALQUALITYSYSTEMS.COM](http://WWW.PRACTICALQUALITYSYSTEMS.COM)



[PN 80140-MICROS - Low profile tilting mount + WS6 pan - tilt head](#)

(818) 993-1022

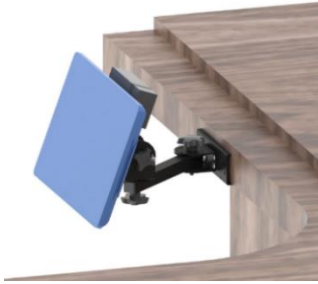
**Interactive Catalog of Mounting Systems for Workstation 610, Compact 310 & Express Station 400**

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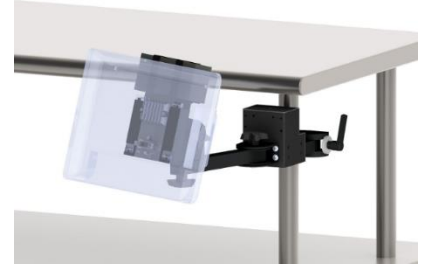
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[PN 80200-MICROS - Under Counter Mount + adjustable 8\"/>](#)



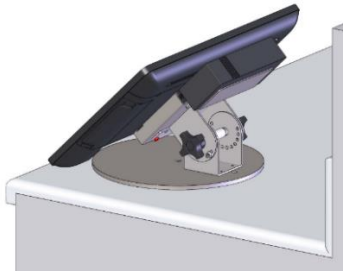
[PN 80270-MICROS - Quick Clamp Pole Mount + Riser + Arm + Oracle MICROS WorkStation 6 Pan - Tilt Head](#)



[PN 80273-MICROS - Quick Clamp Pole Mount + Arm + Oracle MICROS WorkStation 6 Pan - Tilt Head](#)



[PN 80277-MICROS - Quick Clamp Pole Mount + Flat Mount for Oracle MICROS WorkStation 6](#)



[PN 80622-MICROS - Countertop Movable Pedestal Mount + WS6 Pan - Tilt Head + PS holder](#)



[PN 80910-MICROS-Gal - Flat Wall Mount for WS6 + PS holder](#)



[PN 80914-MICROS-SS - Shelf Bridge WS6 Support System + PS holder](#)



[PN 80941-MICROS-SS - Tilting WS6 Shelf Edge Mount + PS holder](#)



[PN 80942-MICROS - Tilting Wall Mount for WS6 + PS holder](#)



[PN 80945-MICROS - Rear Marketing Display Mount for Oracle MICROS WS6](#)



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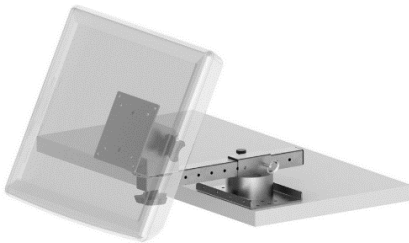
[Wall Mounts for Screens](#)



[Wall Mounts for POS Printers](#)



[Wall Mounts for Screens and POS Printers](#)



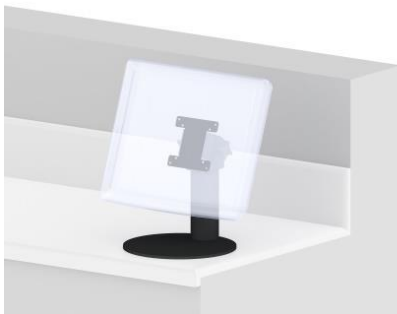
[Shelf Edge Mounts for Screens](#)



[Shelf Edge Mounts for POS Printers](#)



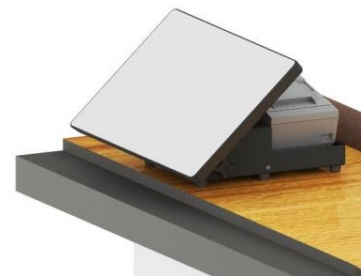
[Shelf Edge Mounts for Screens and POS Printers](#)



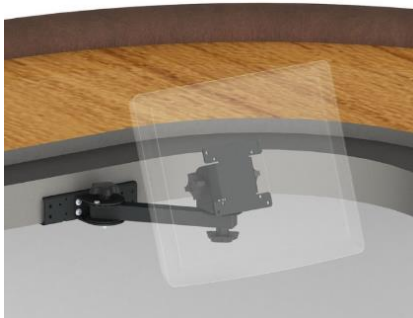
[Counter Top Mounts for Screens](#)



[Counter Top Mounts for POS Printers](#)



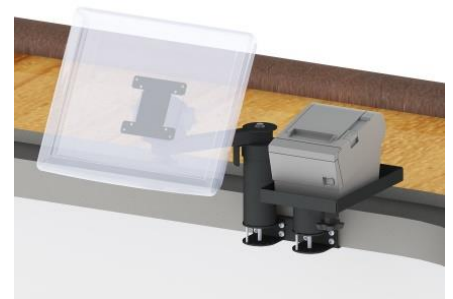
[Counter Top Mounts for Screens and POS Printers](#)



[Under Counter Mounts for Screens](#)



[Under Counter Mounts for POS Printers](#)



[Under Counter Mounts for Screens and POS Printers](#)

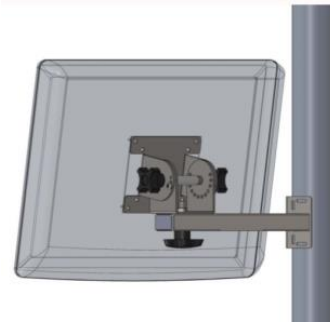
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[Pole Mounts for Screens](#)



[Pole Mounts for POS Printers](#)



[Ceiling Mounts for Screens](#)



[Oracle MICROS Mounting Systems](#)



[NCR Aloha KDS Mounting Solutions](#)



[QSR KDS Mounting Solutions](#)



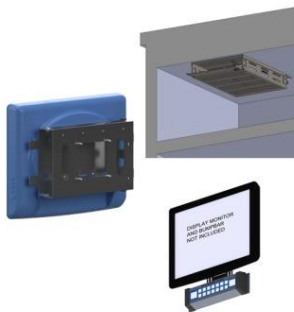
[Logic Controls Bematech KDS Mounting Solutions](#)



[Universal Kitchen Display System Mounting Packages](#)



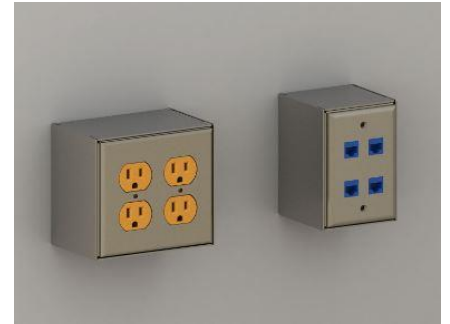
[Enclosures for Touchscreen, Monitors and Thin Clients](#)



[Back Of Screen VESA Mounts for Controllers, Thin Clients, Bump Bars, Tap+ Touch + EMV Readers](#)



[Stainless Steel Wireways](#)



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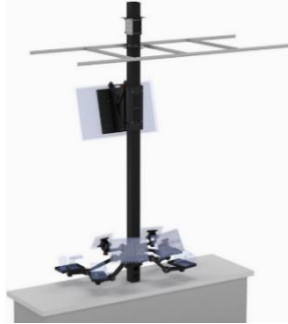
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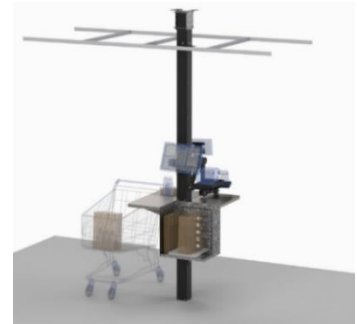
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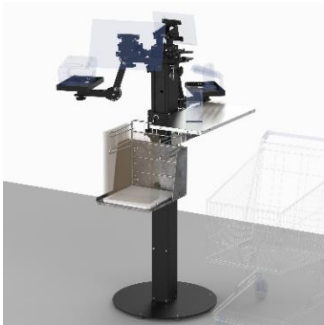
[Movable Countertop POS Stands](#)



[Direct Mount Countertop POS Stands](#)



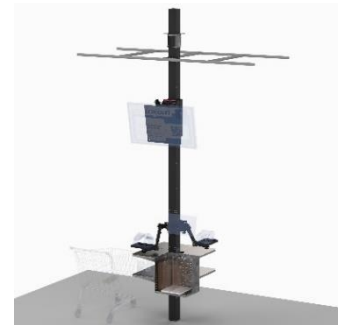
[POS Cashier Pole Stands](#)



[POS Cashier Floor Stands](#)



[POS Self-Check Out Kiosk Floor Stands](#)



[POS Self-Check Out Kiosk Pole Stands](#)



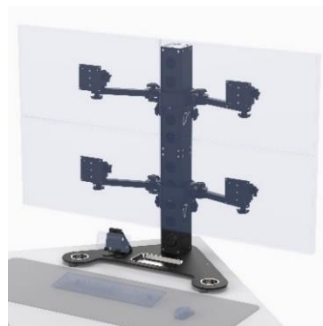
[Take Out Pickup Pole Stands](#)



[Take Out Pickup Floor Stands](#)



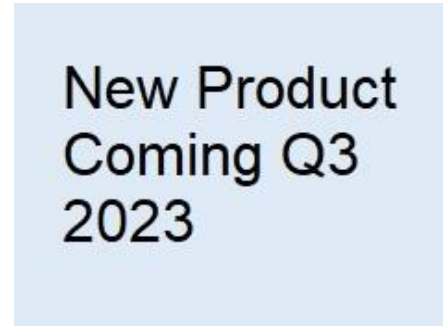
[Information Kiosk Floor Stands](#)



[Desktop Multi-Screen Pedestal Stands](#)



[4X4 Pole Clamp on Mounts](#)



[Mobile Cashier Stands](#)

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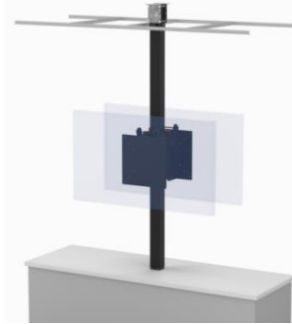
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New Product  
Coming Q3  
2023

Mobile Self-Check Out Stands



[Digital Signage Pole Stands](#)

New Product  
Coming Q3  
2023

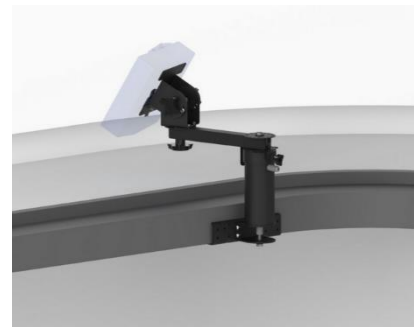
Stationary Podiums

New Product  
Coming Q3  
2023

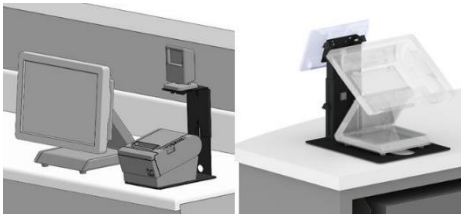
Stationary Podiums with Ceiling Feed Pole

New Product  
Coming Q3  
2023

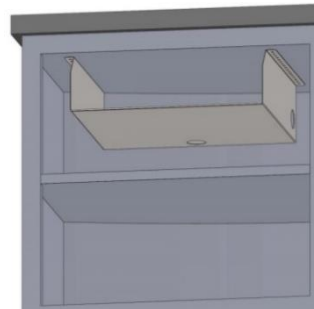
Mobile Podiums



[Ingenico Lane Reader Mounting Systems](#)



[Other Counter Top Mounts](#)



[Cash Drawer Mounting Solutions](#)