Poindus
COMPAL GROUP

A Modern Design
for Modern Retail

VariPOS

The Origin of VariPOS S

The VariPOS S inherits the design DNA of the Model S, tailored for POS space efficiency and high performance. With a 14-inch full HD touchscreen featuring a 3.2mm ultra-narrow bezel, a slim 6.4mm side profile, and an elegant 11.5mm low-profile base, it achieves a significant reduction in volume while maintaining functionality and aesthetics. The device includes a built-in cooling system, a protective cover for peripherals, and an optional I/O expansion box to ensure future connectivity and upgradeability.

Following the Model S's recognition with the prestigious IF Design Award, customer feedback revealed a need for broader CPU compatibility—from entry-level models to high-end i7 processors—efficient thermal management, optional screen sizes from 15.6 to 21.5 inches, and legacy software support for 15-inch 4:3 screens. Additionally, customers requested a compact design integrating I/O ports into a single chassis for convenience and efficiency.

In response, the VariPOS S was developed to address these enhanced requirements, blending innovation, functionality, and refined design to set a new standard in POS systems.

Model S

DESIGN AWARD 2024

VariPOS S Series

15"

VariPOS S150

15.6"

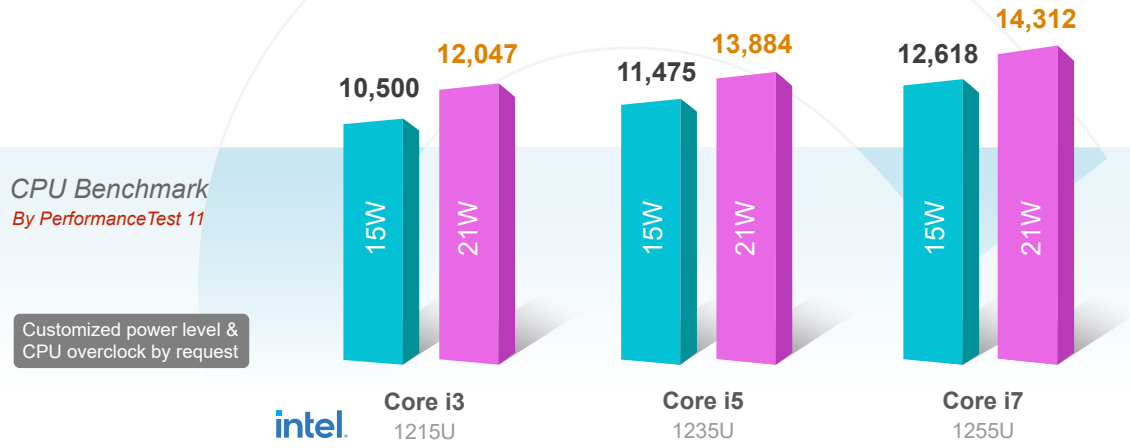
VariPOS S156

21.5"

VariPOS S215

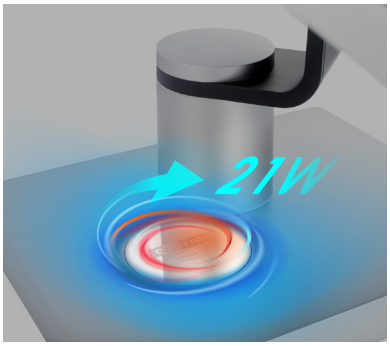
VariPOS S Series

+ Architecture



Maximized Benchmark Performance

The benchmark report highlights scalability across power levels of 15W and 21W, with fine-tuned TDP parameters enabling optimized performance. At 21W, the i3 can rival the i5 at 15W, demonstrating adaptability to diverse project requirements.



Effective Passive Cooling and Enhanced Stability

The innovative high-performance copper heat pipe and cooling disk design is capable to support 21W higher CPU TDP.

Rapid Drive Access

Dual 2.5"SSD for RAID 0/1(PE26) or 1x DC+24v,2x DC+12v Powered USB +1 x 2.5" SSD

+ Features

Extended Display Support

Supports multiple screen sizes -10.1",15", 15.6", and 21.5"- to enhance customer interaction and engagement.

Swivelable Display

The system can be configured to allow one of the displays (front or back) to be swivelled for greater environmental compatability.

Rotatable Display

Our modular, toolless design allows effortless switching between landscape and portrait orientations.

+ Peripherals

VariPOS S Series offers a full range of retail-ready peripherals

Payment Holder

Supports different payment terminal holders for Verifone, ingenico, PAX and many others.

PinPad NFC

AIDC and Identity

MSR iButton Scanner RFID Fingerprint

Customer centric displays

2nd Display
10.1”/15”/15.6”/ 21.5”

LCM

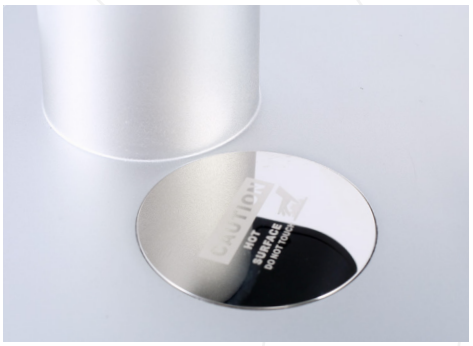
+ Aesthetic

Stylish Aluminum Chassis

This precision-engineered aluminum chassis combines sleek aesthetics with durable, rugged protection.

Timeless Design for Modern Retail

The refined VariPOS S Series enhances retail spaces with a fresh, brand-aligned look.



Function Meets Modern Aesthetic

Designed for both form and function, the heat dissipation plate complements the terminal with a sophisticated industrial look.

+ Aesthetic

Narrow Bezel Screen Design

The displays offer a sleek modern design with slim 4.8mm bezels (S156) housed in stylishly designed aluminum housing.

Hidden Cable Management

VariPOS S Series has been design to deliver a clean aesthetic look from every angle.

Minimalist Appearance

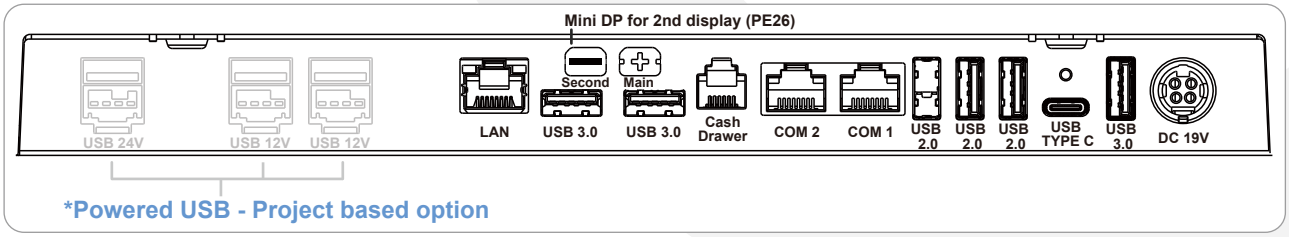
Neat and clean design without any redundant distraction.

+ Specification

PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE

Model		VariPOS S Series	
Main Board		PE24	PE26
Processor		Intel® Celeron® Processor J6412 (up to 2.6 GHz)	Intel® Alder Lake-P Platform Core i7 up to 4.7 GHz Core i5 up to 4.4 GHz Core i3 up to 4.4 GHz
Graphic		Intel® UHD Graphics for 10th Gen Intel® Processors	Intel® Iris® Xe Graphics eligible
System memory		1 x 8GB DDR4 SO-DIMM memory (Max. support up to 16GB)	1 x 8GB DDR5 SO-DIMM memory (Max. support up to 32GB)
Storage device	HDD/SSD	M.2 Storage / 1 x SATA III (2.5", option)	M.2 Storage / 2 x SATA III (2.5", option)
	RAID Function	N/A	Option (2 x 2.5" SATA III storage)
TPM		Intel F/W TPM 2.0	
LCD size & Resolution		**S150** - 15" 4: 3 @ 1024 x 768 – 400 nits lanscape **S156** - 15.6" 16:9 @ 1920 x 1080 – 350 nits landscape (portrait mode-project based) **S215** - 21.5" 16:9 @ 1920 x 1080 – 250 nits landscape	
Touch screen		True-Flat PCAP multi-touch screen	
External IO ports	**USB**	3 x USB 3.1 / 3 x USB 2.0	
	Serial Port	2 x COM (COM1/2: RJ48 support DC+0/5/12v by BIOS setting, default setting is 0v.)	
	LAN	1 x Gigabit Ethernet by RJ-45	
	Cash drawer	1 x RJ11 Cash Drawer (Support DC+12V or +24V cash drawer. 1 x RJ11 support 2 cash drawers)	
	USB-C	1 x USB-C support PD+DP	
	DC-Jack	1 x DC-jack with lock	
	Power button	1 x power on/off button	
Expansion Slots		1 x M.2 E-Key	
Speaker		2 x 2W	
LED Indicator		1 for Power LED	
Construction		Metal Construction	
Power adaptor		DC+19V, 65watt adaptor (*w/PUSB will use 180watt adaptor)	DC+19V, 90watt adaptor (*w/PUSB will use 180watt adaptor)
Peripherals		3-Track MSR (AES/TDES Encryption) / iButton reader / RFID reader / Fingerprint reader / 2D Scanner, USB interface 2 x 20 character LCM USB interface (on the top of main screen) 10.1“ 16:10 @ 1280 x 800 2nd screen, USB interface (on the top of main screen) 15" 4:3 @ 1024 x 768 – 400 nits 2nd screen for PE26 (on the rear bracket) 15.6" 16:9 @ 1920 x 1080 – 350 nits 2nd screen (Landscape or Portrait mode)for PE26(on the rear bracket) 21.5" 16:9 @ 1920 x 1080 – 250 nits 2nd screen for PE26 (on the rear bracket) PinPad Bracket for Verifone VX820, Verifone MX915, PAX A80	
Optional Configuration (Project based)		Powered USB ports (2 x DC+12v and 1 x DC+24v) or RAID 0/1 (Dual 2.5" SSD)	
Certificates		CE/FCC/LVD	
Operating environment		0°C~40°C, 10%~90% RH, non-condensing	
OS support		Windows 10/11 (64 bit), Linux (Ubuntu 22.04)	
Dimension (W x H x D mm)		**S150** - 323.7 x 339.7 x 239.7mm **S156** - 358.7 x 324.9 x 226.9mm **S215** - 493.9 x 365.2 x 253.4mm	**S150** - 12.7 x 13.4 x 9.4 inch **S156** - 14.1 x 12.8 x 8.9 inch **S215** - 19.4 x 14.4 x 9.9 inch
Weight (N.W. / G.W.)		**S150** - 4.6 kg / 6.2 kg **S156** - 4.3 kg / 5.9 kg **S215** - 7.5 kg / 9.5 kg	**S150** - 10.1 lb / 13.6 lb **S156** - 9.4 lb / 13.0 lb **S215** - 16.5 lb / 20.9 lb

IO Interface



+ Configuration

S156

15.6"

intel.

Main board		
	PE26	i7-1255U
		i5-1235U
		i3-1215U
	PE24	Celeron J6412

2nd display

Rear side of main screen

LCM

2nd display 10.1”

- w/ Touch
  - w/ NFC
  - w/o NFC
- w/o Touch

Rear bracket on base

Horizontal mode

2nd display 15”
for PE26 only

2nd display 15.6”
for PE26 only

2nd display 21.5”
for PE26 only

- w/ Touch
  - w/ Peripheral
    - 2D Scanner
    - MSR
    - Finger print
    - RFID
    - iButton
  - w/o Peripheral
- w/o Touch
  - w/ Peripheral
    - 2D Scanner
    - MSR
    - Finger print
    - RFID
    - iButton
    - NFC
  - w/o Peripheral

Vertical mode

2nd display 15.6”
for PE26 only

- w/ Touch
- w/o Touch

- Camera (option)
- Pinpad Holder
- NFC

for:
Verifone
ingenico
PAX
Others

Main screen Peripherals

- 2D Scanner
- MSR
- Finger print
- RFID
- iButton
- NFC

Payment Holder

for:
Verifone
ingenico
PAX
Others

Pinpad Holder

Powered USB

Storage

1x DC+24v,2x DC+12v Powered USB
+1 x 2.5" SSD
RAID 0/1 with dual 2.5”SSD
(for PE26 only)

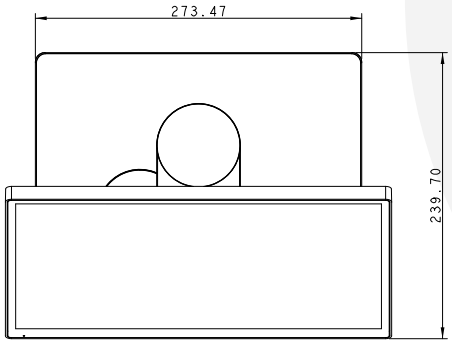
Remark

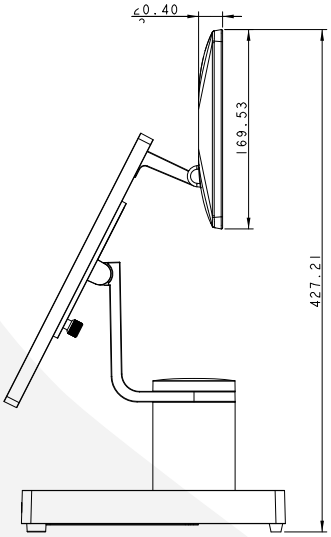
1.Manufactory default-main screen swivelable.
2.Main screen is not swivelable subject to 2nd display (15”,15.6”and 21.5”) swivelable.
3.Manufactory pre-installed in factory-Touch/NFC/AG/ Main screen or 2nd display swivelable.
4.AG option is subject project base(Material MOQ 1000 pcs).

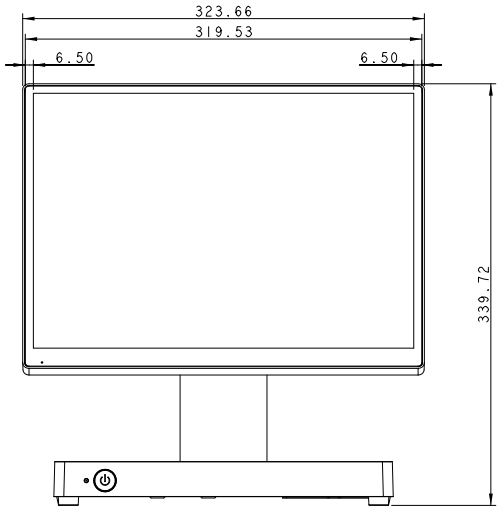
Add-on peripherals
IO expension, RAID 0/1

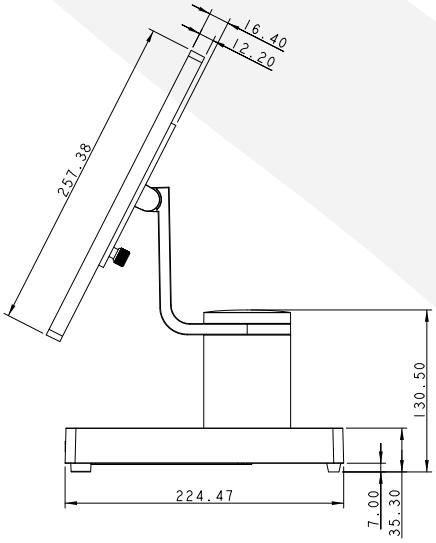
+ Dimension

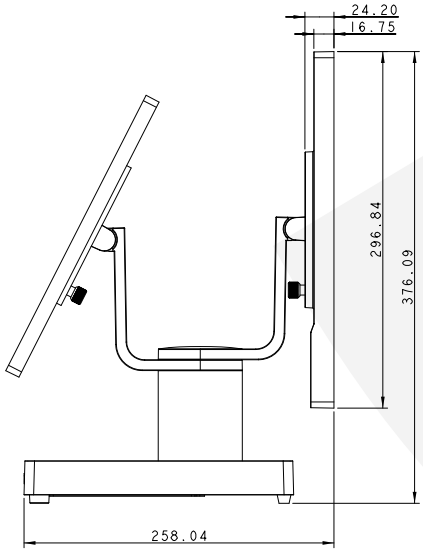
S150 15”



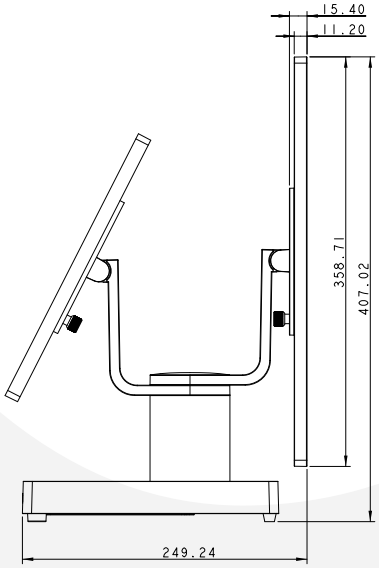








S150+21.5"2nd screen(Horizontal mode)

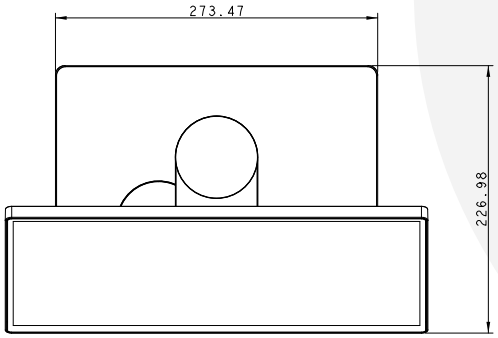


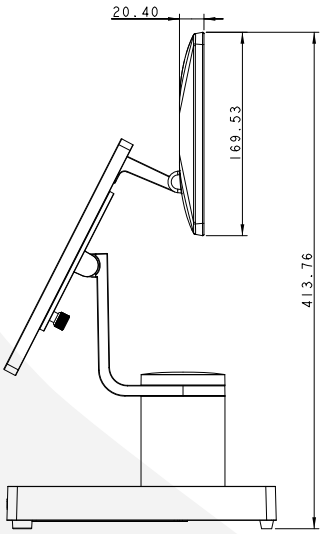
S150+15.6"2nd screen(Vertical mode)

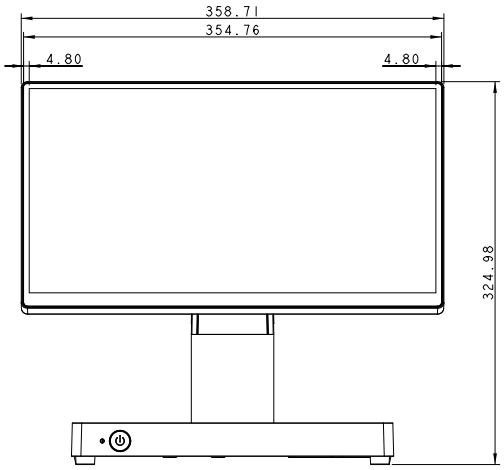
Unit: mm

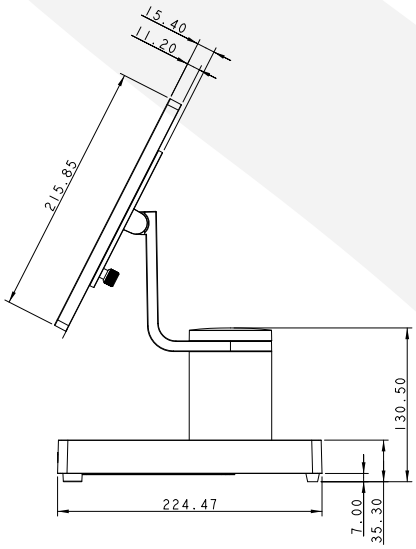
+ Dimension

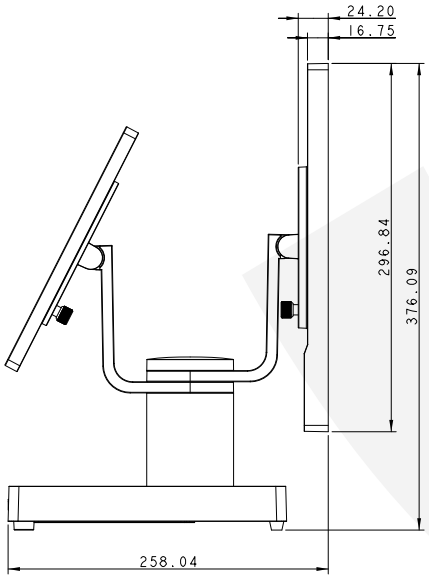
S156 15.6”



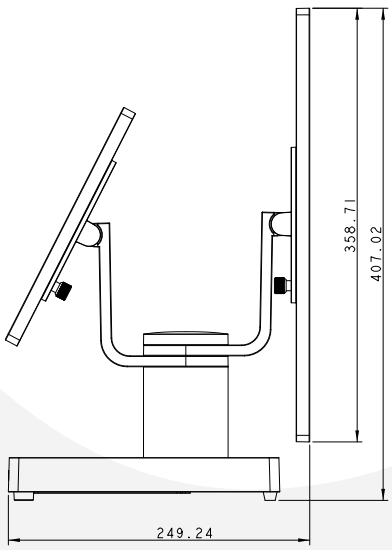








S156+21.5"2nd screen(Horizontal mode)

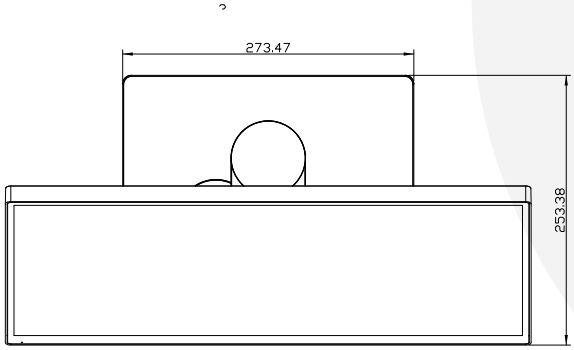


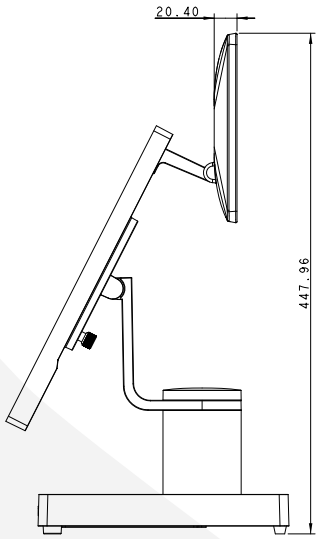
S156+15.6"2nd screen(Vertical mode)

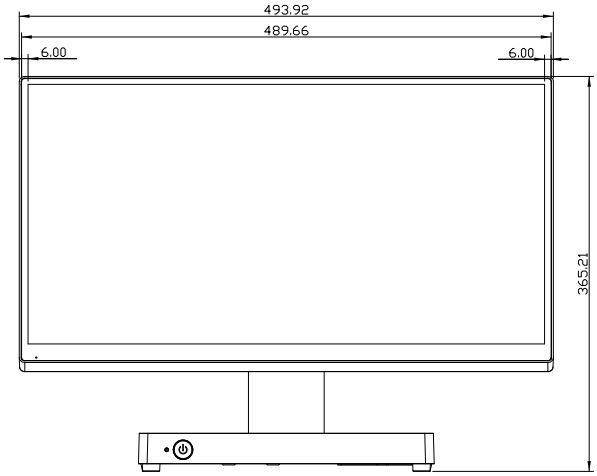
Unit: mm

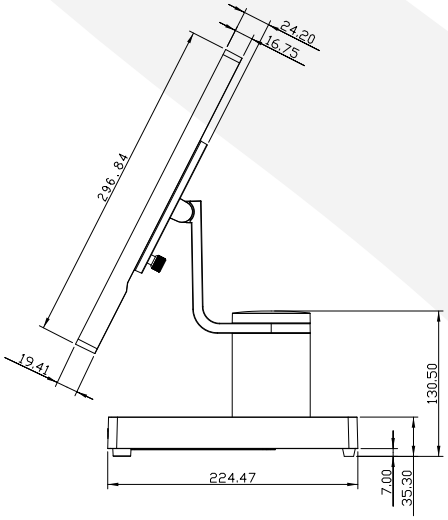
+ Dimension

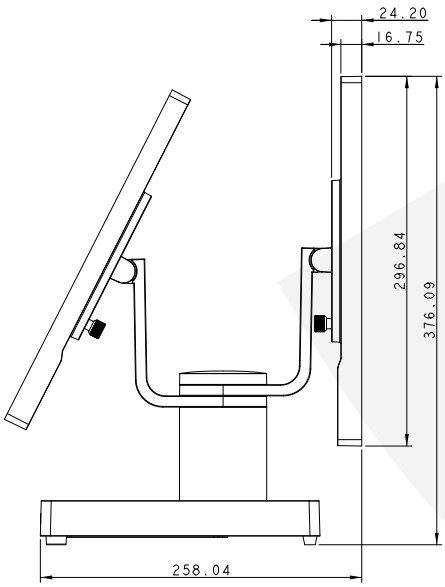
S215 21.5"



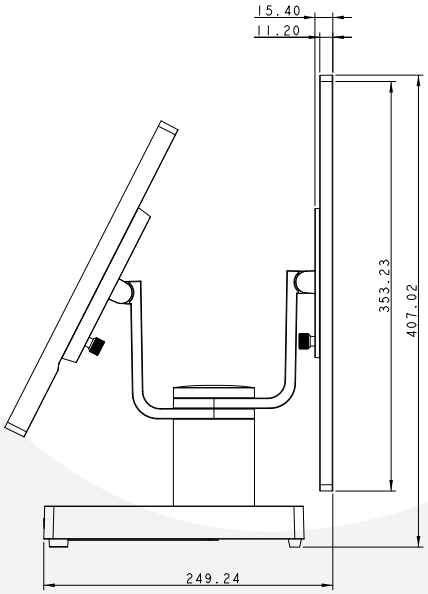








S215+21.5"2nd screen(Horizontal mode)



S215+15.6"2nd screen(Vertical mode)

Unit: mm

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