

# Product Specifications

|                 |                       |
|-----------------|-----------------------|
| <b>Customer</b> |                       |
| <b>Model</b>    | <b>NTSP320-1 V600</b> |



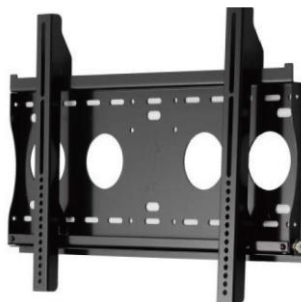
| Records of Revision |                            |                 |                 |
|---------------------|----------------------------|-----------------|-----------------|
| Vision              | Modifying                  | Old Description | New Description |
| v2506.1             | Preliminary Specifications |                 |                 |
|                     |                            |                 |                 |
|                     |                            |                 |                 |
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|                     |                            |                 |                 |
|                     |                            |                 |                 |

### Features

- ★ 32 inch, 1920x1080 (FHD) Resolution
- ★ Wide Viewing Angle (178°/178°)
- ★ 7H Hardness Tempered Cover Glass
- ★ 10 points Multi-touch , Supports Active Stylus
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty
- ★ VGA/HDMI/DP Video Input
- ★ Optional Software Remote Control by RS232 or DDC/CI
- ★ Optional High Brightness 2500nits
- ★ Optional Auto Dimming Function (with Light Sensor)
- ★ Optional Anti-Glare&UV/Antibacterial/Privacy Filter Surface Treatment
- ★ Optional 12M pixel camera



Open-frame Brackets



Wall Mounting



Cart



KIOSK Cabinet

## Display Specifications

|                 |                                                    |                          |                   |
|-----------------|----------------------------------------------------|--------------------------|-------------------|
| Model Name      | NTSP320 <del>XX</del> SDA- <del>XXXXXX</del> -600* | Display Mode             | Normally Black    |
| Screen Diagonal | 32 inch                                            | Response Time            | 8 msec.           |
| Display Area    | 698x392.85 mm                                      | Backlight Unit           | LED (white LED)   |
| Resolution      | 1920x1080 (FHD)                                    | Viewing Angle (L/R, U/D) | 178°/178° (CR=10) |
| Contrast Ratio  | 1200:1                                             | Backlight Lifetime       | >30,000 hours     |
| Display Ratio   | 16:9                                               | Operating Temp.          | 0~50°C            |
| Support Colors  | 16.7M Colors                                       | Storage Temp.            | 5~40°C            |
| Pixel Pitch     | 121.25x363.75 um                                   |                          |                   |

\* X = A~Z, 0~9 (Depends on options)

## Display Options

| Brightness      |                |                         |                                                      |
|-----------------|----------------|-------------------------|------------------------------------------------------|
|                 | Brightness     | Environment             | Model Name                                           |
| <b>Standard</b> | <b>400nits</b> | <b>General (Indoor)</b> | <b>NTSP320<del>N</del>XSDA-<del>XXXXXX</del>-600</b> |
| Option 1        | 500nits        | General (Indoor)        | NTSP320 <del>N</del> X2DA- <del>XXXXXX</del> -600 *  |
| Option 2        | 1500nits       | Outdoor Environment     | NTSP320 <del>X</del> 3DA- <del>XXXXXX</del> F-600 *  |
| Option 3        | 2500nits       | Sunlight Readable       | NTSP320 <del>H</del> X4DA- <del>XXXXXX</del> F-600 * |

\* Check the data sheets: NTSP320-2, NTSP320-3, NTSP320-4

## Accessories

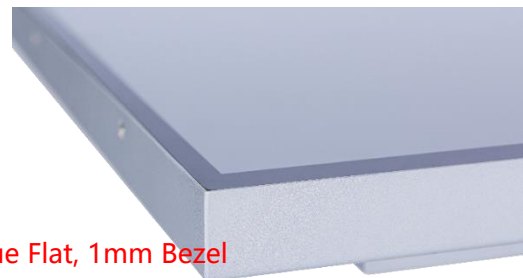
| Item       | Description                                       | Quantity |
|------------|---------------------------------------------------|----------|
| HDMI Cable | HDMI Male to Male, 1.8 Meter                      | 1        |
| Power Cord | *Country Specific                                 | 1        |
| USB Cable  | A type, Male to Male, 1.5 Meter*(Touch Type Only) | 1        |

## Touch Options

| Touch Screen    |                                   |                                           |
|-----------------|-----------------------------------|-------------------------------------------|
|                 | Description                       | Model Name                                |
| <b>Standard</b> | <b>Projected Capacitive Touch</b> | <b>NTSP320X<sup>P</sup>SDA-XXXXXX-600</b> |
| Option          | Non-Touch                         | NTSP320X <sup>0</sup> SDA-XXXXXX-600      |

### Projected Capacitive Touch

|                      |                      |                         |           |
|----------------------|----------------------|-------------------------|-----------|
| Touch Technology     | Projected Capacitive | Thickness of Cover Lens | 3.0±0.2mm |
| Allowed Touch Points | 10 points            | Hardness of Cover Lens  | 7H        |
| Transparency         | ≥87%                 | IK Ratings              | IK07      |
| Accuracy             | 99.00%               |                         |           |



\* True Flat, 1mm Bezel

| Passive Stylus Pen (Option) |                                                    |
|-----------------------------|----------------------------------------------------|
| Technology                  | Passive High Sensitive Knitted Wire Mesh Fiber Tip |
| Size of tip                 | 6mm                                                |
| Magnetic Attachment         | Yes                                                |



Magnetic Attachment

## General Options

| Surface Treatment |                         |                                |
|-------------------|-------------------------|--------------------------------|
|                   | Description             | Model Name                     |
| <b>Standard</b>   | <b>(none)</b>           | <b>NTSP320XXSDA-00XXXX-600</b> |
| Option 1          | Anti-Glare&UV Coating   | NTSP320XXSDA-GGXXXX-600        |
| Option 2          | Antibacterial (AB Film) | NTSP320XXSDA-ABXXXX-600        |
| Option 3          | Anti-Spy (AS Film)      | NTSP320XXSDA-SFXXXX-600        |

| Color of Cabinet |              |                                |
|------------------|--------------|--------------------------------|
|                  | Description  | Model Name                     |
| <b>Standard</b>  | <b>Black</b> | <b>NTSP320XXSDA-XXBXXX-600</b> |
| Option 1         | White        | NTSP320XXSDA-XXWXXX-600        |
| Option 2         | Silver       | NTSP320XXSDA-XXSXXX-600        |
| Options          | Other Colors | NTSP320XXSDA-XXXXXX-600        |

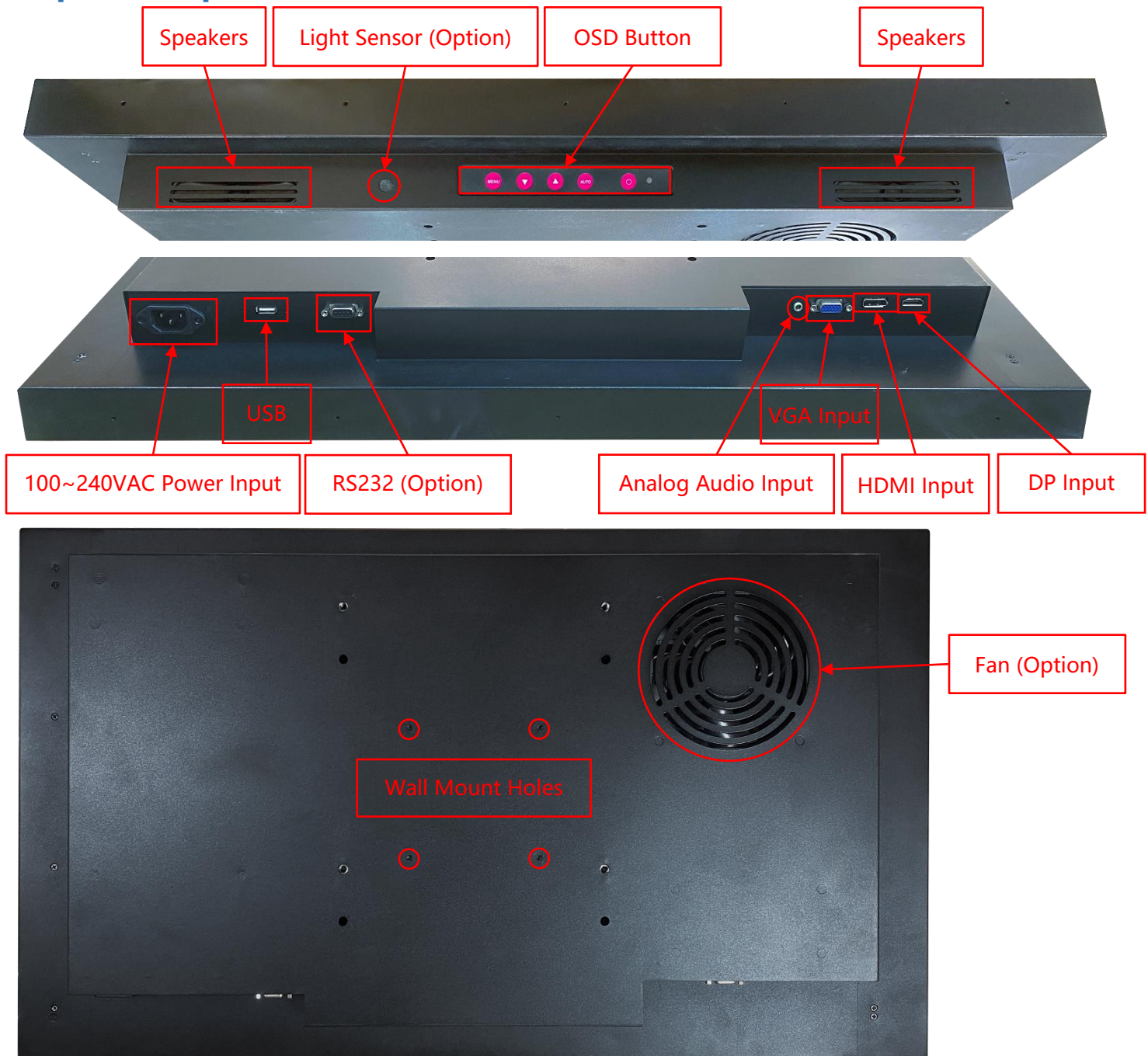
\* X = A~Z, 0~9 (Depends on Color)

| Material of Cabinet |                                |                                |
|---------------------|--------------------------------|--------------------------------|
|                     | Description                    | Model Name                     |
| <b>Standard</b>     | <b>Galvanized steel (SECC)</b> | <b>NTSP320XXSDA-XXXSXX-600</b> |
| Option 1            | Stainless Steel                | NTSP320XXSDA-XXXLXX-600        |
| Option 2            | Aluminum                       | NTSP320XXSDA-XXXAXX-600        |

| Touch Interface |             |                                |
|-----------------|-------------|--------------------------------|
|                 | Description | Model Name                     |
| <b>Standard</b> | <b>USB</b>  | <b>NTSP320XXSDA-XXXXUX-600</b> |
| Option 1        | RS232       | NTSP320XXSDA-XXXXRX-600        |
| Option 2        | Non-Touch   | NTSP320XXSDA-XXXX0X-600        |

| Cooling Fan     |                             |                                |
|-----------------|-----------------------------|--------------------------------|
|                 | Description                 | Model Name                     |
| <b>Standard</b> | <b>Fanless</b>              | <b>NTSP320XXSDA-XXXXX0-600</b> |
| Option          | 7 Blades/12V/1200r.p.m/25dB | NTSP320XXSDA-XXXXXF-600        |

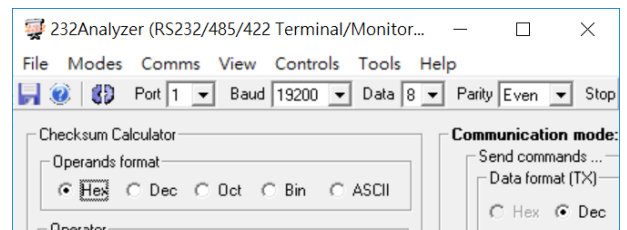
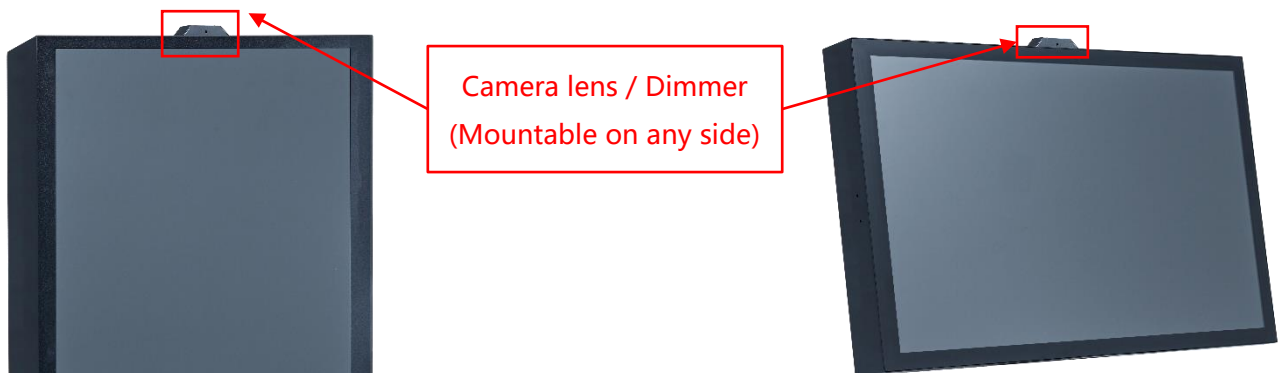
## Input /Output



| Input / Output       | Amount | Input / Output       | Amount |
|----------------------|--------|----------------------|--------|
| HDMI Input           | 1      | USB 2.0 Interface    | 1      |
| VGA Input            | 1      | RS232                | Option |
| DisplayPort Input    | 1      | Speakers             | 10Wx2  |
| Audio Input (3.5mm)  | 1      | Light Sensor         | Option |
| AC Power Input (C14) | 1      | External Camera Lens | Option |

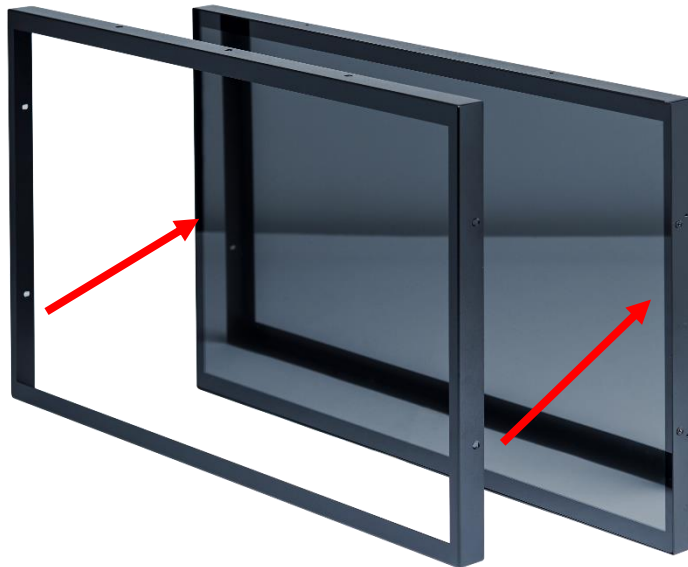
## Other Options

| OSD Control     |                         |                                                     |
|-----------------|-------------------------|-----------------------------------------------------|
|                 | Item                    | Description                                         |
| <b>Standard</b> | <b>Button</b>           | <b>Rear Physical Button</b>                         |
| Option          | Software Remote Control | Software Remote Control by RS232/Serial Port        |
| Option          | Auto Dimming            | Auto Brightness Adjusting by Light Sensor           |
| Option          | Camera lens             | 12 million pixels, maximum resolution of 3840x3104. |
| Option          | Stylus pen              | Specifications are as follows in the table.         |



\* Software Remote

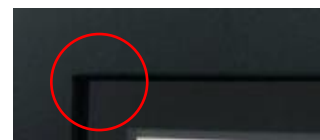
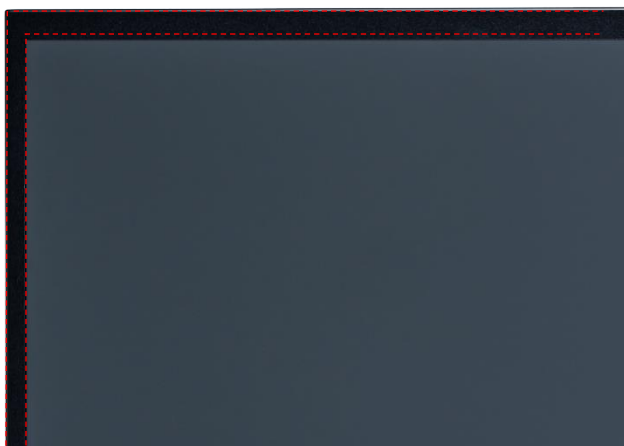
## Front Cover (Option)



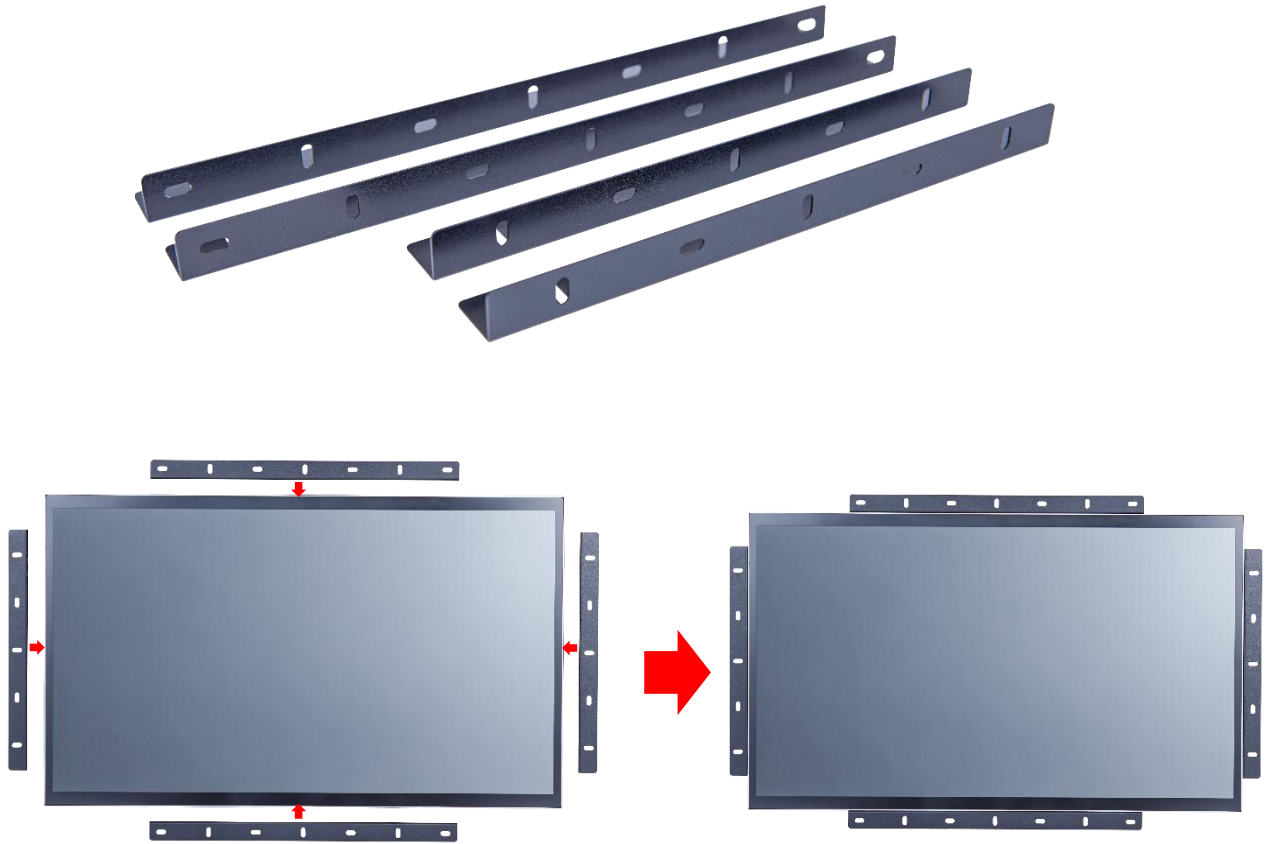
The standard **NTSP320** is true flat surface, with only 1mm metal bezel.  
To protect the corners of the touch screen, the **Front Cover** can be added.



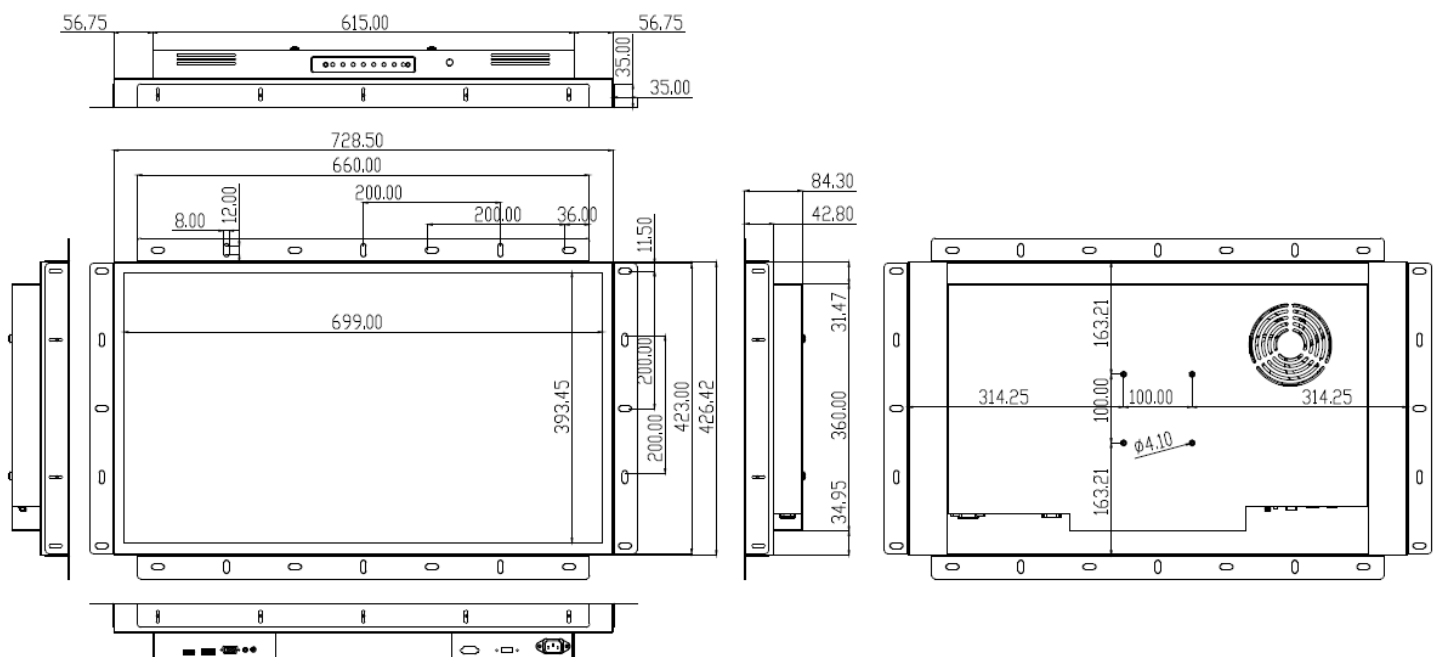
The watertight gasket can be added between the **Front Cover** and **NTSP320**.  
It complies **IP65** on front.



## Open-frame Brackets (Option)

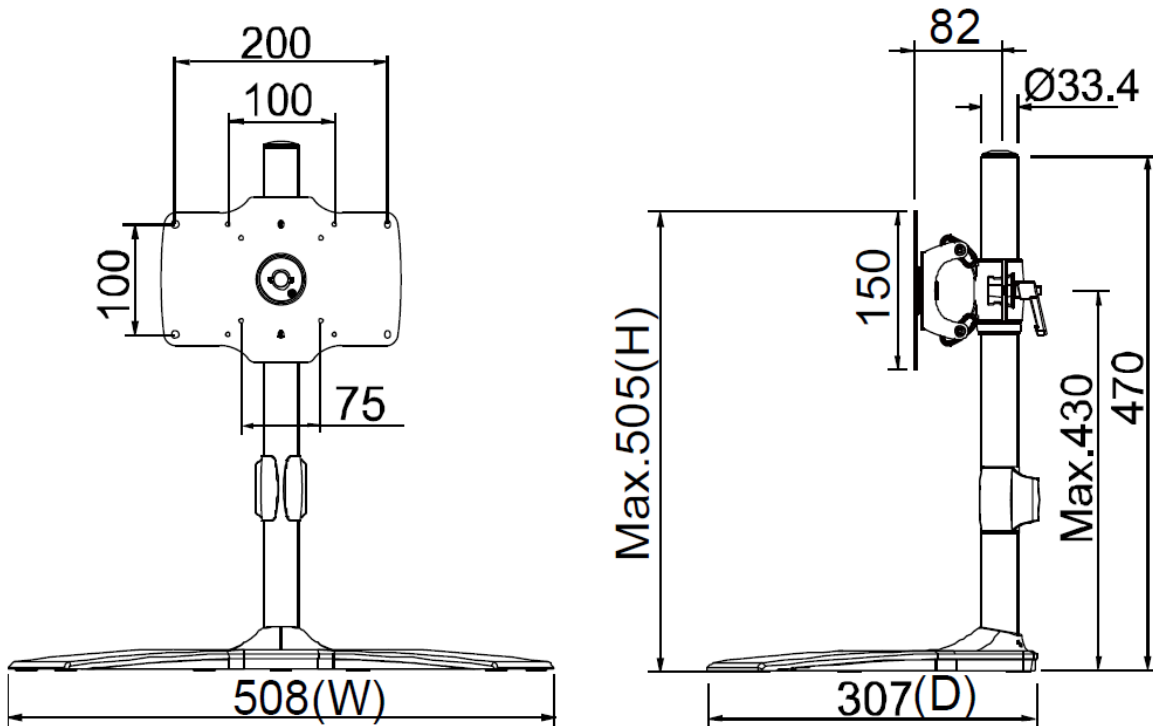


## Dimension for Installing with Open-frame Brackets



## Desktop Stand (Option)

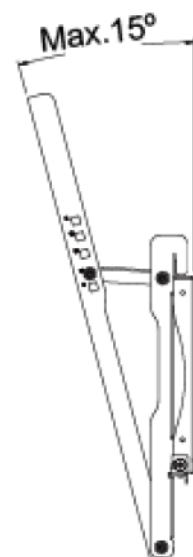
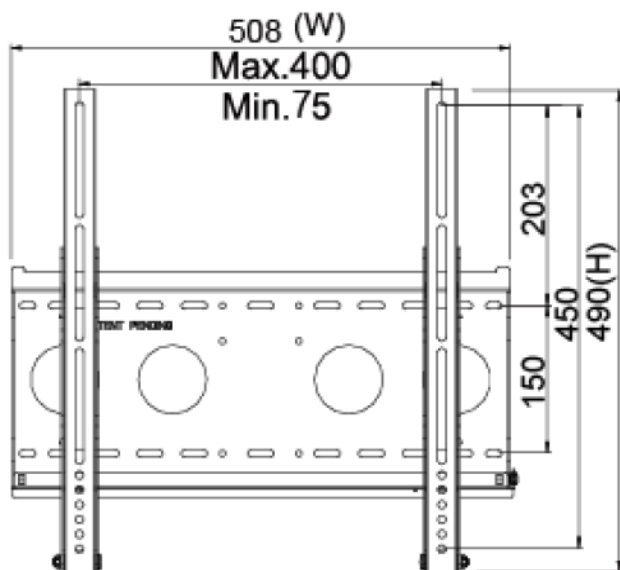
|                  |                          |                     |                         |
|------------------|--------------------------|---------------------|-------------------------|
| Item             | T Stand                  | Part No.            | DST-1B007               |
| Mounting Pattern | 200x100/100x100/75x75 mm | Dimension (WxHxD)   | 508(W)x307(D)x470(H) mm |
| Material         | Steel/Plastic/Aluminum   | Net Weight          | 2.44 KG                 |
| Tilt (Hinge)     | +/-15°                   | Support Max. Weight | 15 KG                   |



## Wall Mount Bracket (Option)



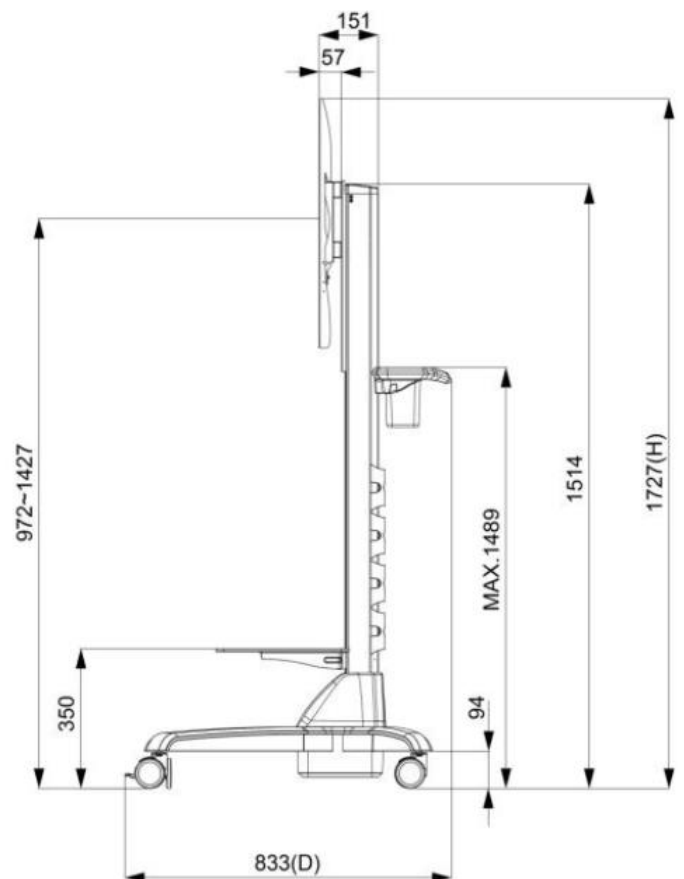
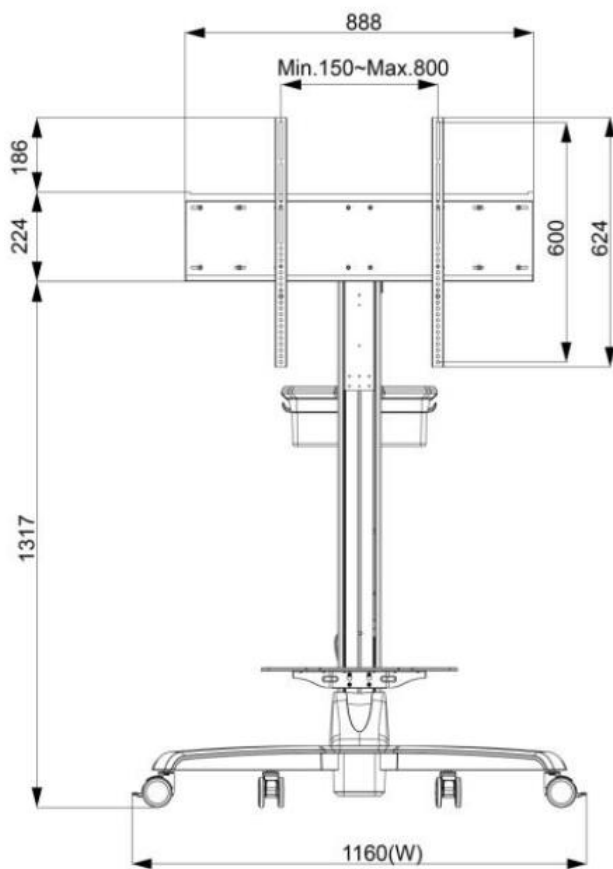
|                  |                   |                  |                   |
|------------------|-------------------|------------------|-------------------|
| Part No.         | WMB-B001          |                  |                   |
| Mounting Pattern | Max. 400x450 mm   | Mounting Pattern | Max. 400x450 mm   |
| Material         | SECC              | Material         | SECC              |
| Tilt (Hinge)     | 0°/5°/10°/13°/15° | Tilt (Hinge)     | 0°/5°/10°/13°/15° |
| Screw Type       | M4/M5/M6/M8       | Screw Type       | M4/M5/M6/M8       |



### Cart (Option)



|                     |                        |
|---------------------|------------------------|
| Net Weight          | 28.4 KG                |
| Power System        | AC 200~240V 50/60Hz    |
| User Interface      | Button (up/down)       |
| Packaged Dimension  | W1160xD833xH1727 mm    |
| Screw Type          | M4/M5/M6/M8            |
| Material            | Aluminum/Plastic/Steel |
| Max. Mount Pattern  | 800x600mm              |
| Max. Weight Load    | 80 KG                  |
| Caster              | 4 (front 2 braking)    |
| Height Adjust Range | 455 mm                 |
| RoHS/REACH          | Yes                    |



## KIOSK Cabinet (Option)

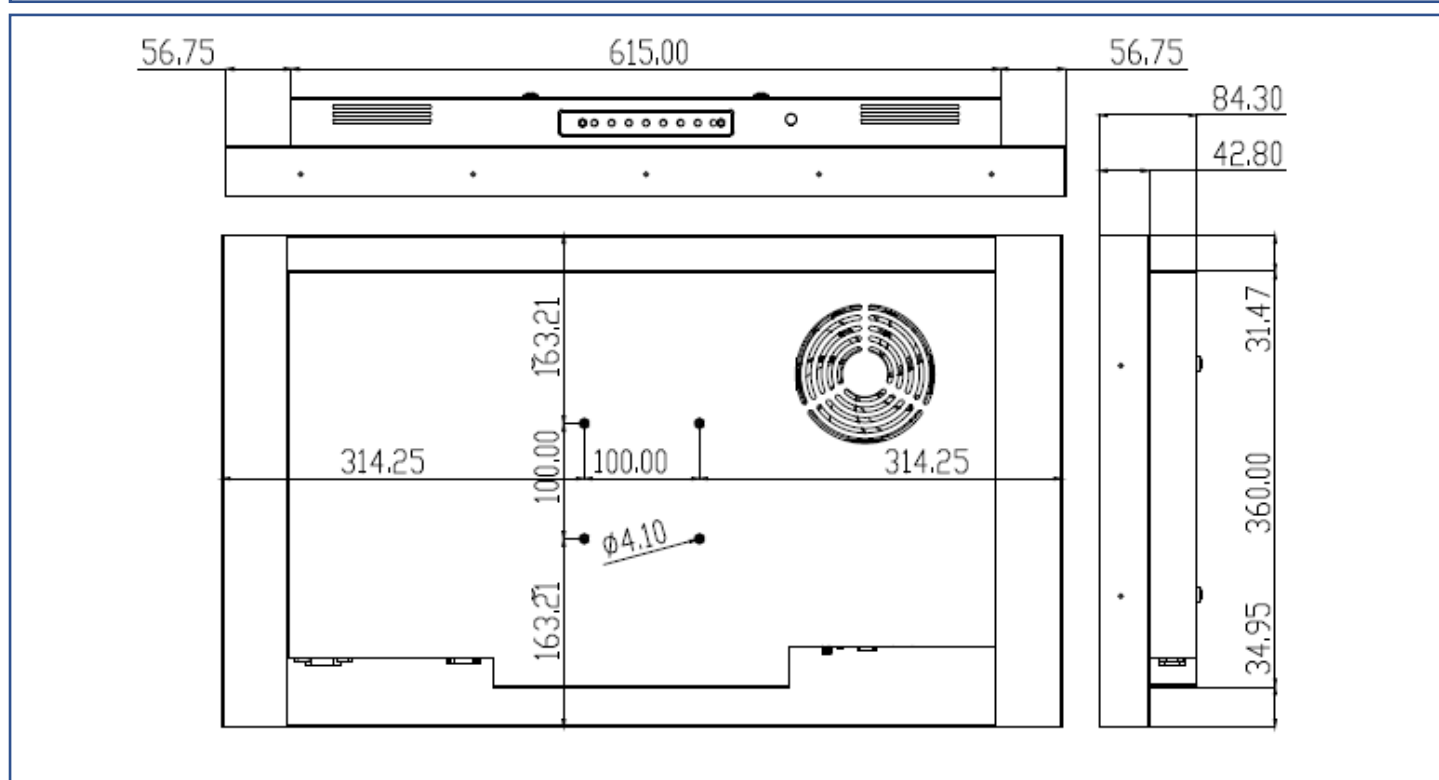
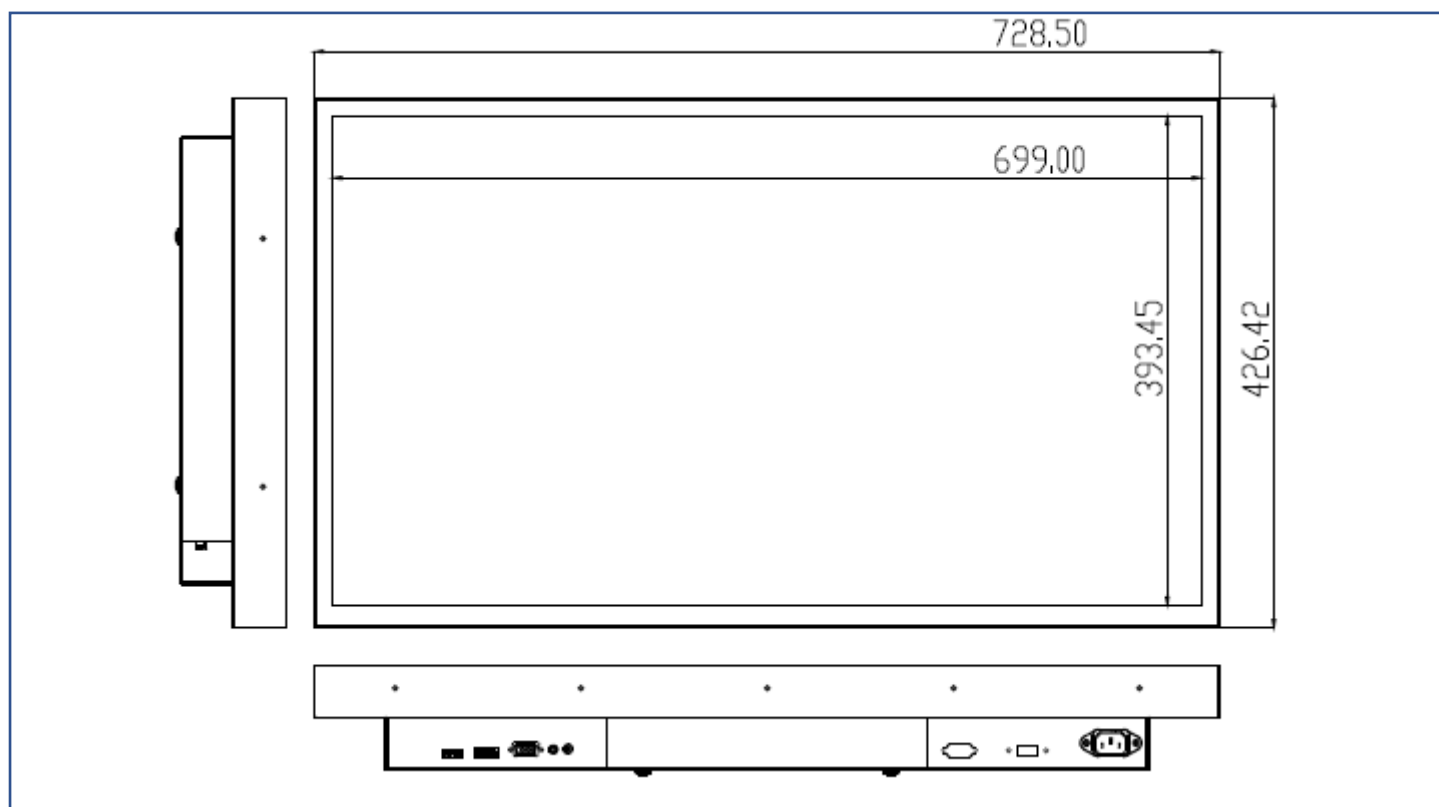


|                    |                           |
|--------------------|---------------------------|
| Material           | SECC                      |
| Caster             | 4 (front 2 braking)       |
| Ingress Protection | Front IP65                |
| Power Socket       | None (Wire Hole Reserved) |



## Physical Specifications

|                 |                               |              |                  |
|-----------------|-------------------------------|--------------|------------------|
| Dimension (Max) | <b>728.5x426.4x84.3(±2)mm</b> | Net Weight   | <b>≤ 13.5 KG</b> |
| VESA Mounting   | <b>100x100 mm</b>             | Gross Weight | <b>≤ 17.9 KG</b> |



## Packing Information



|                      |                     |
|----------------------|---------------------|
| Dimensions of Carton | <b>105x24x68 CM</b> |
| Net Weight           | <b>≤13.5 KG</b>     |
| Gross Weight         | <b>≤17.9 KG</b>     |