

# Product Specifications

<b>Customer</b>	
<b>Model</b>	<b>NTSP170-2 V500</b>



Records of Revision			
Vision	Modifying	Old Description	New Description
v2112.1	Preliminary Specifications		
v2112.2	Modify the Design of the Carton		
<b>v2112.3</b>	<b>New trademark released</b>		

### Features

- ★ 17 inch Industrial Grade Panel, 1280x1024 Resolution
- ★ Operating Temperature Range -30~85°C
- ★ Narrow Bezel, True Flat Projected Capacitive Touch Screen
- ★ 7H Hardness Tempered Cover Glass
- ★ 10 points Multi-touch, Supports NEXTECH Dedicated Stylus
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments
- ★ Optional 9~36VDC Power Input
- ★ Optional Video Input (VGA/DVI/HDMI/DP)
- ★ Optional Software Remote Control by RS232 or DDC/CI
- ★ Optional High Brightness 1500nits, for Outdoor Environment
- ★ Optional Auto Dimming Function (with Light Sensor)
- ★ Optional AG Coating/Antibacterial/Privacy Filter Surface Treatment



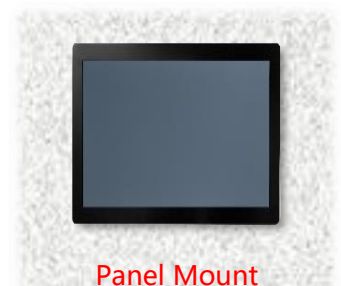
Desktop Stand



Wall Mounting



Open-frame Bracket



Panel Mount

## Display Specifications

Model Name	NTSP170 <u>XX2XX-XXXXXX</u> -500*	Display Mode	TN Type, Normally Black
Screen Diagonal	432mm (17.0 inch)	Response Time	30 msec.
Display Area	337.9x270.3 mm	Backlight Unit	LED (white LED)
Resolution	1280x1024	Viewing Angle (L/R, U/D)	80°/80°/60°/80°
Contrast Ratio	800:1	Backlight Lifetime	>50,000 Hours
Display Ratio	4:3	Operating Temp.	-30~85°C
Support Colors	16.7M Colors	Storage Temp.	-30~85°C
Pixel Pitch	264x264 um		

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

## Display Options

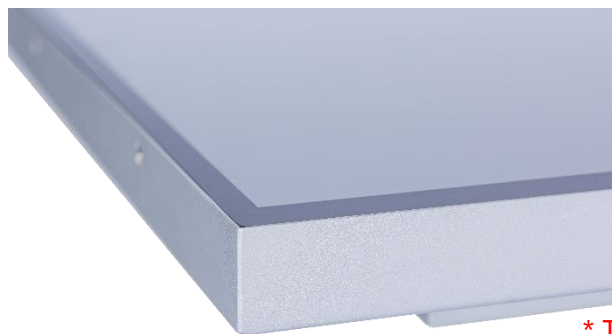
Brightness			
	Brightness	Environment	Model Name
Standard	350nits	General (Indoor)	NTSP170 <u>NX2XX-XXXXXX</u> -500
Option 1	1000nits	Outdoor Environment	NTSP170 <u>AX2XX-XXXXXF</u> -500
Option 2	1500nits	Sunlight Readable	NTSP170 <u>FX2XX-XXXXXF</u> -500

## Accessories

Item	Description	Quantity
HDMI Cable	Male to Male, 1.8 Meter	1
AC-DC Adapter	12V with CE/FCC/CCC/UL/RoHS/PSE/JET Certification	1
Power Cord	*Country Specific	1
USB Cable	A type, Male to Male, 1.8 Meter *(only for touch monitor)	1

## Touch Options

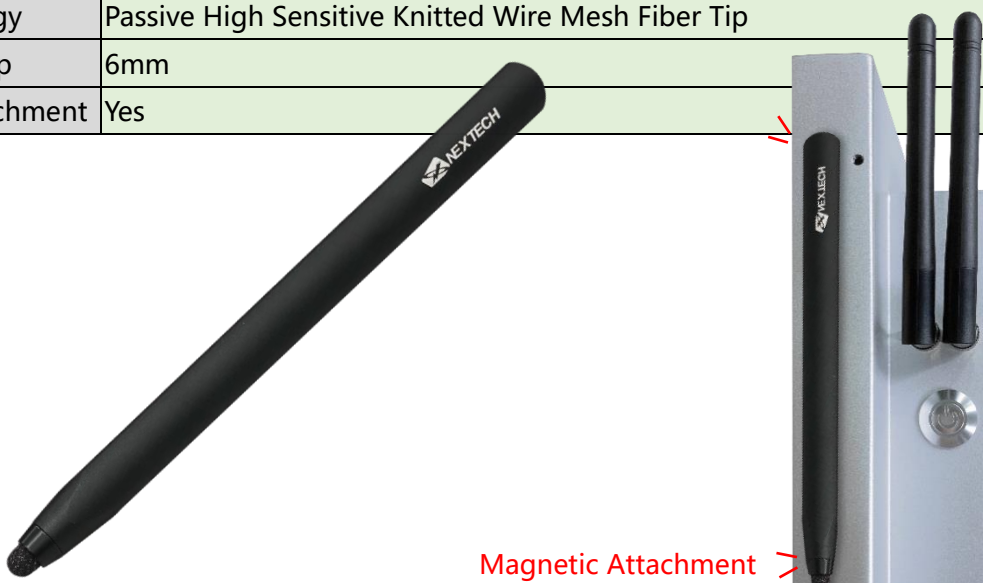
Projected Capacitive			
Model Name	NTSP170X <u>P</u> 2XX-XXXXXX-500		
Touch Technology	Projected Capacitive	Transparency	≥87%
Allowed Touch Points	10 points	Accuracy	99.00%
Transparency	USB/RS232 (Option)	Thickness of Cover Lens	2.0±0.2mm
Accuracy	IK07	Hardness of Cover Lens	7H



\* True Flat, 1mm Bezel

Non-Touch	
Model Name	NTSP170X <u>0</u> 2XX-XXXX0X-500

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



Magnetic Attachment

## General Options

Video Input		
	Description	Model Name
Standard	VGA+HDMI+DP	NTSP170XX2 <u>3</u> X-XXXXXX-500
Option	VGA+DVI	NTSP170XX2 <u>1</u> 1-XXXXXX-500



VGA+HDMI+DP

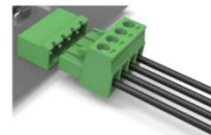


VGA+DVI

Power Input		
	Description	Model Name
Standard	12V, Lockable DC Jack $\Phi$ 2.1mm	NTSP170XX2 <u>3</u> 2-XXXXXX-500
Option 1	12VDC, DC Jack $\Phi$ 2.1mm	NTSP170XX2 <u>1</u> 1-XXXXXX-500
Option 2	9~36VDC, Phoenix Terminal Block	NTSP170XX2 <u>3</u> P-XXXXXX-500



Lockable DC Power Jack



Phoenix Terminal Block

Surface Treatment		
	Description	Model Name
Standard	(none)	NTSP170XX2XX- <u>00</u> XXXX-500
Option 1	Anti-Glare Coating	NTSP170XX2XX- <u>GG</u> XXXX-500
Option 2	Antibacterial (AB Film)	NTSP170XX2XX- <u>AB</u> XXXX-500
Option 3	Anti-Spy (AS Film)	NTSP170XX2XX- <u>SF</u> XXXX-500

## General Options (Continued)

Color of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>Black</b>	<b>NTSP170XX2XX-XXBXXX-500</b>
Option 1	White	NTSP170XX2XX-XXWXXX-500
Option 2	Silver	NTSP170XX2XX-XXSXXX-500
Options	Other Color	NTSP170XX2XX-XXXXXX-500

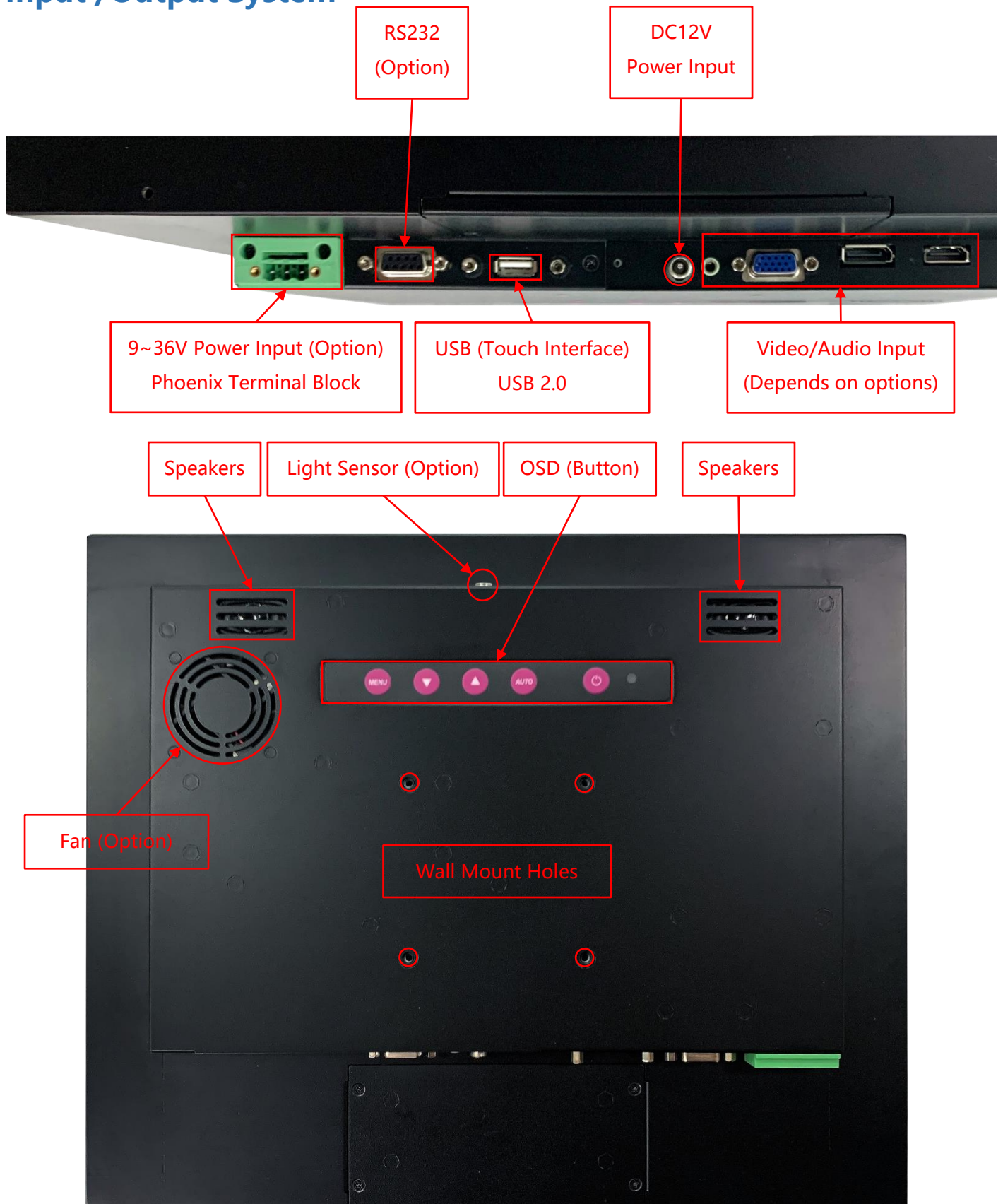
\* X = A~Z, 0~9 (Depends on Color)

Material of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>SECC</b>	<b>NTSP170XX2XX-XXXSXX-500</b>
Option 1	Stainless Steel	NTSP170XX2XX-XXXLXX-500
Option 2	Aluminum	NTSP170XX2XX-XXXAXX-500

Touch Interface		
	Description	Model Name
<b>Standard</b>	<b>USB</b>	<b>NTSP170XP2XX-XXXXUX-500</b>
Option 1	RS232	NTSP170XP2XX-XXXXRX-500
Option 2	Non-Touch	NTSP170X02XX-XXXX0X-500

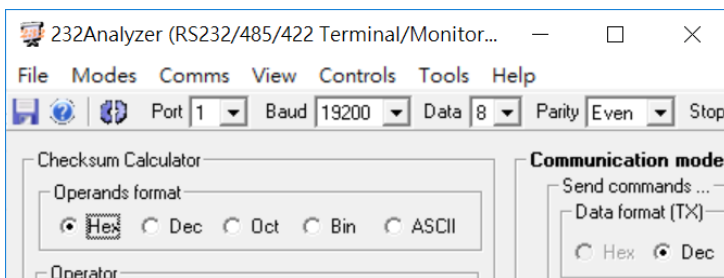
Cooling Fan		
	Description	Model Name
<b>Standard</b>	<b>Fanless</b>	<b>NTSP170XX2XX-XXXXX0-500</b>
Option	7 Blades/4000r.p.m/28.3dB	NTSP170XX2XX-XXXXXF-500

## Input /Output System



## Other Options

OSD Control		
	Item	Description
<b>Standard</b>	<b>Button</b>	<b>Rear Physical Button</b>
Option 1	Software Remote Control	Software Remote Control by RS232/Serial Port
Option 2	Auto Dimming	Auto Brightness Adjusting by Light Sensor



\* Software Remote Control

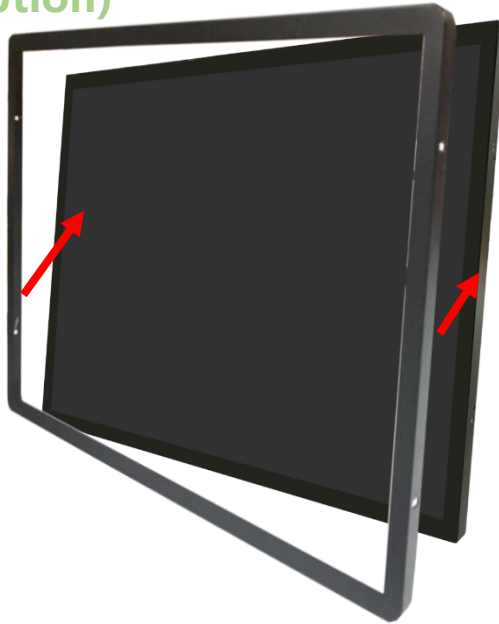


## Supported OS

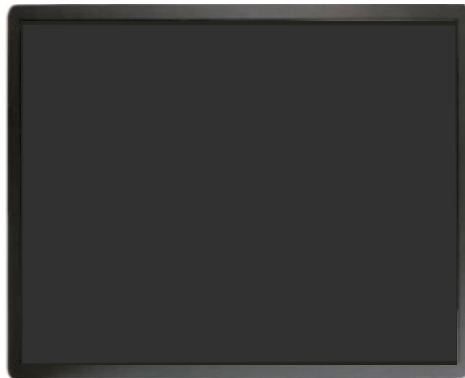
Windows	Win7, Win8, Win10, Win11 ↑
Linux	Kernel 2.6.24 ↑
Android	3.0 ↑
Mac	10.5.x ↑ (Intel CPU)



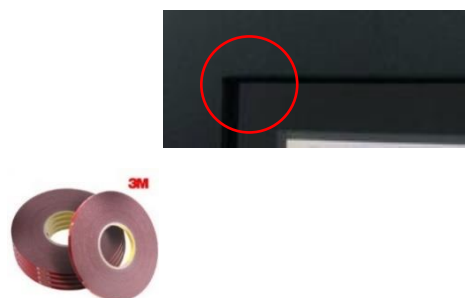
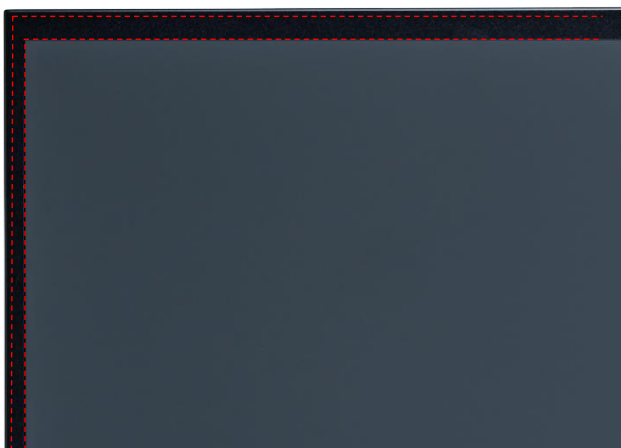
## Front Cover (Option)



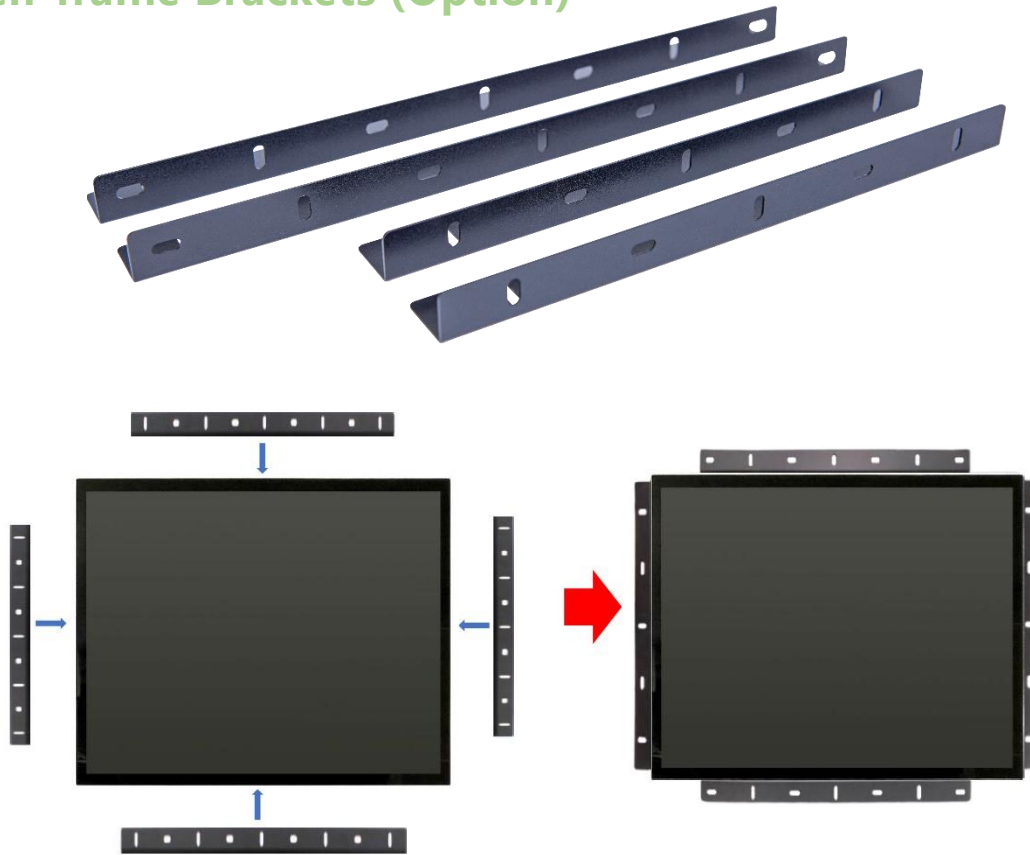
The standard **NTSP170** is true flat surface, with only 1mm metal bezel.  
To protect the corners of the touch screen, the **Front Cover** can be added.



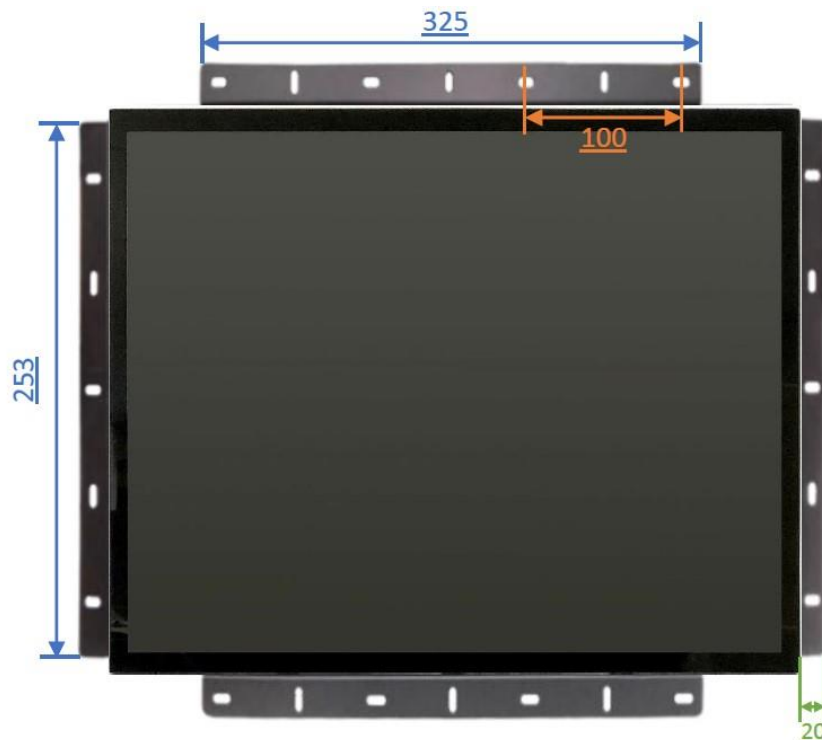
The watertight gasket can be added between the **Front Cover** and **NTSP170**.  
It complies **IP65** on front.



### Open-frame Brackets (Option)



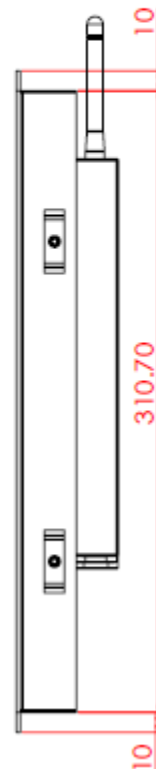
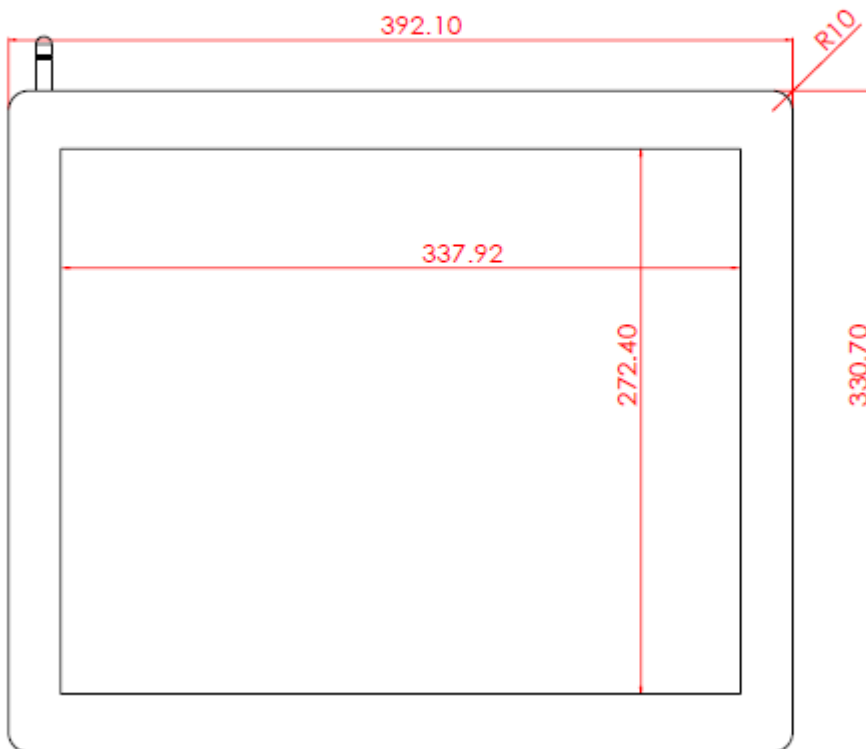
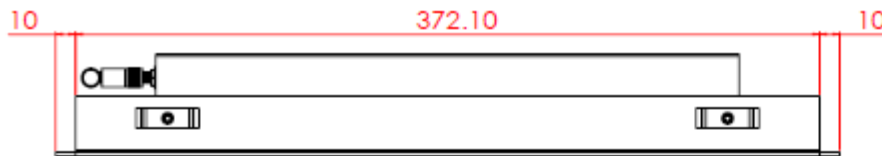
### Dimension for Installing with Open-frame Brackets

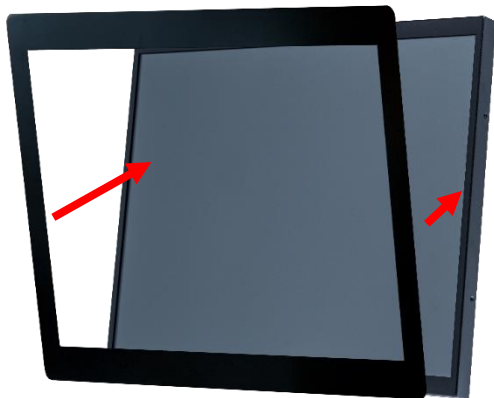


Panel Mount Kits (Option)

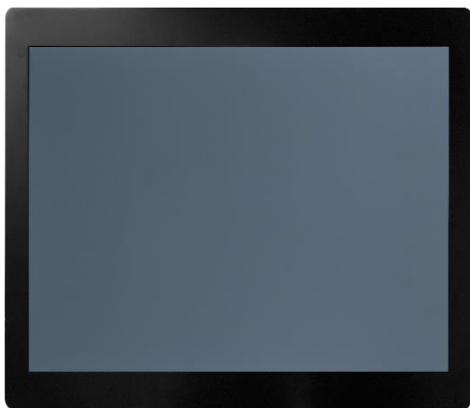
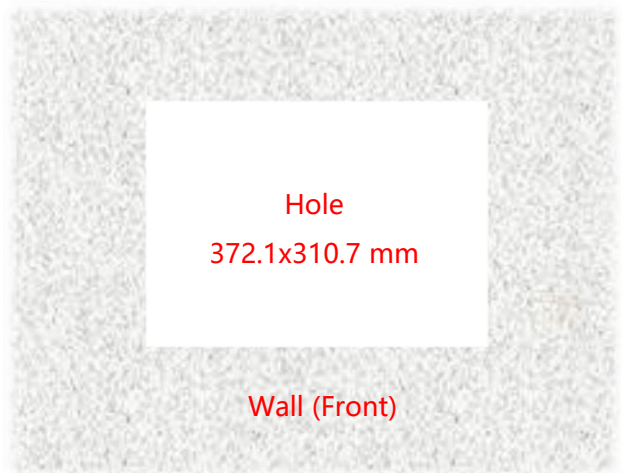


Dimension for Installing with Panel Mount Kits





Step 1: Assemble the front module with the screen body. (This step is pre-assembled at the factory.)



Step 2: Insert the screen from the front into the pre-cut opening.



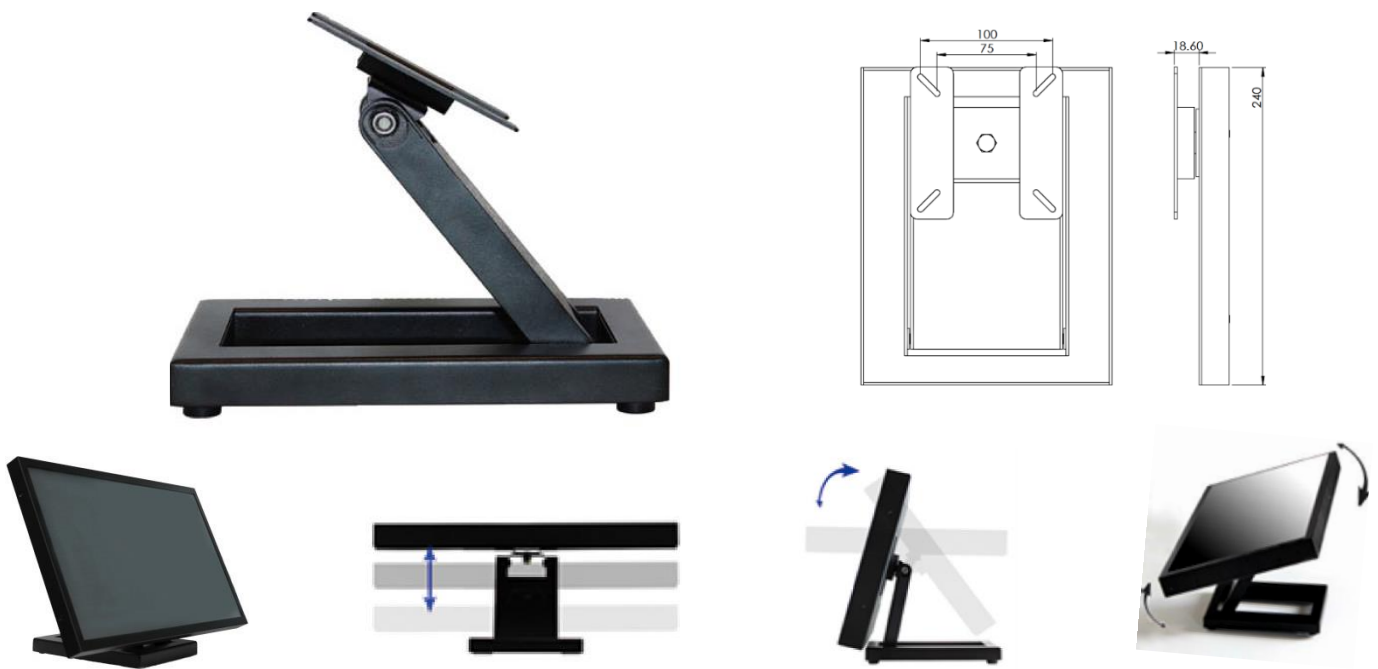
Step 3: Attach the clips from the back and secure with screws. (Up to 8 clips can be installed as needed or per positional limitations.)

### Desktop Stand (Option)

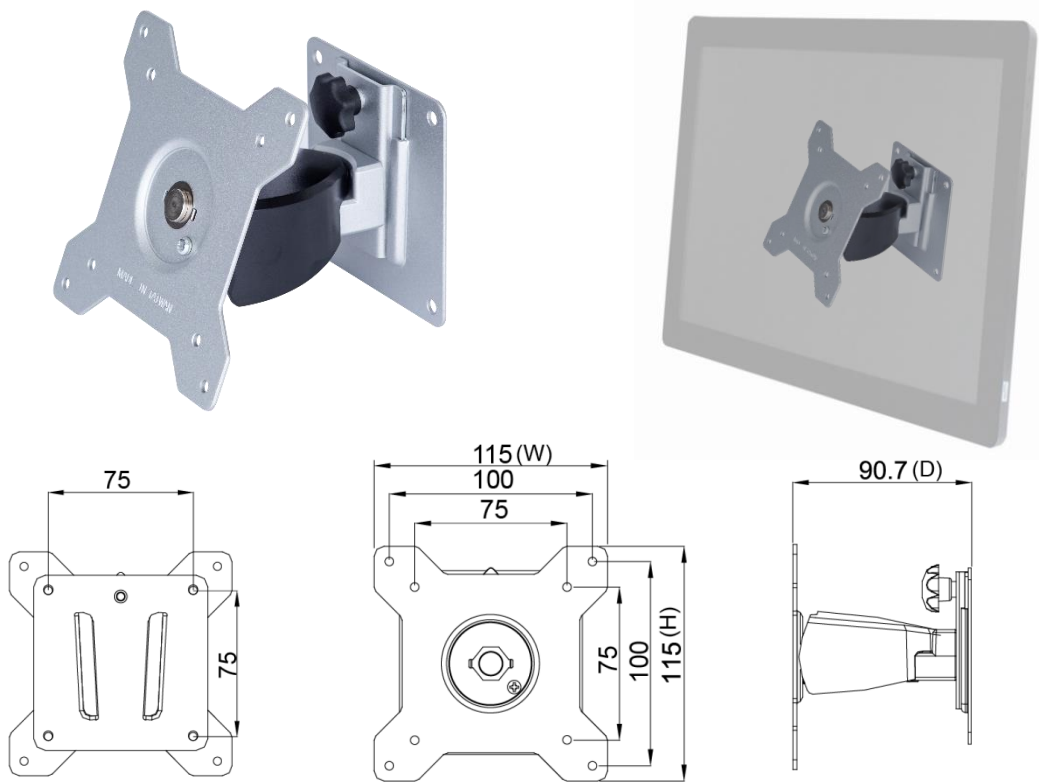
Item	B Stand	Part No.	DST-0B002/DST-1B002
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	203x275x227 mm
Material	Steel/Plastic/Aluminum	Net Weight	1.8 KG
Tilt (Hinge)	-2° ~ +180°	Support Max. Weight	15 KG



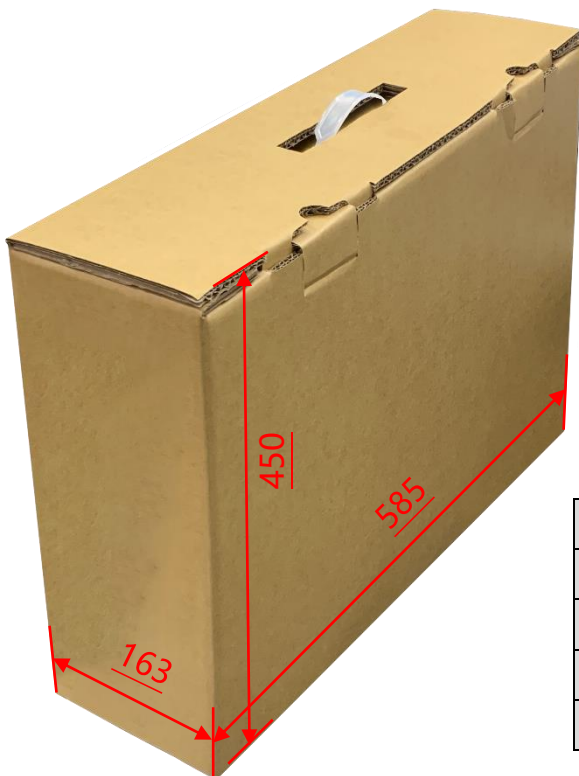
Item	Z Stand	Part No.	DST-0BZ01/DST-1BZ01
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	190x240x41.6
Material	SECC	Net Weight	2.6 KG
Tilt (Hinge)	±360°	Support Max. Weight	15 KG



## Wall Mount Bracket (Option)



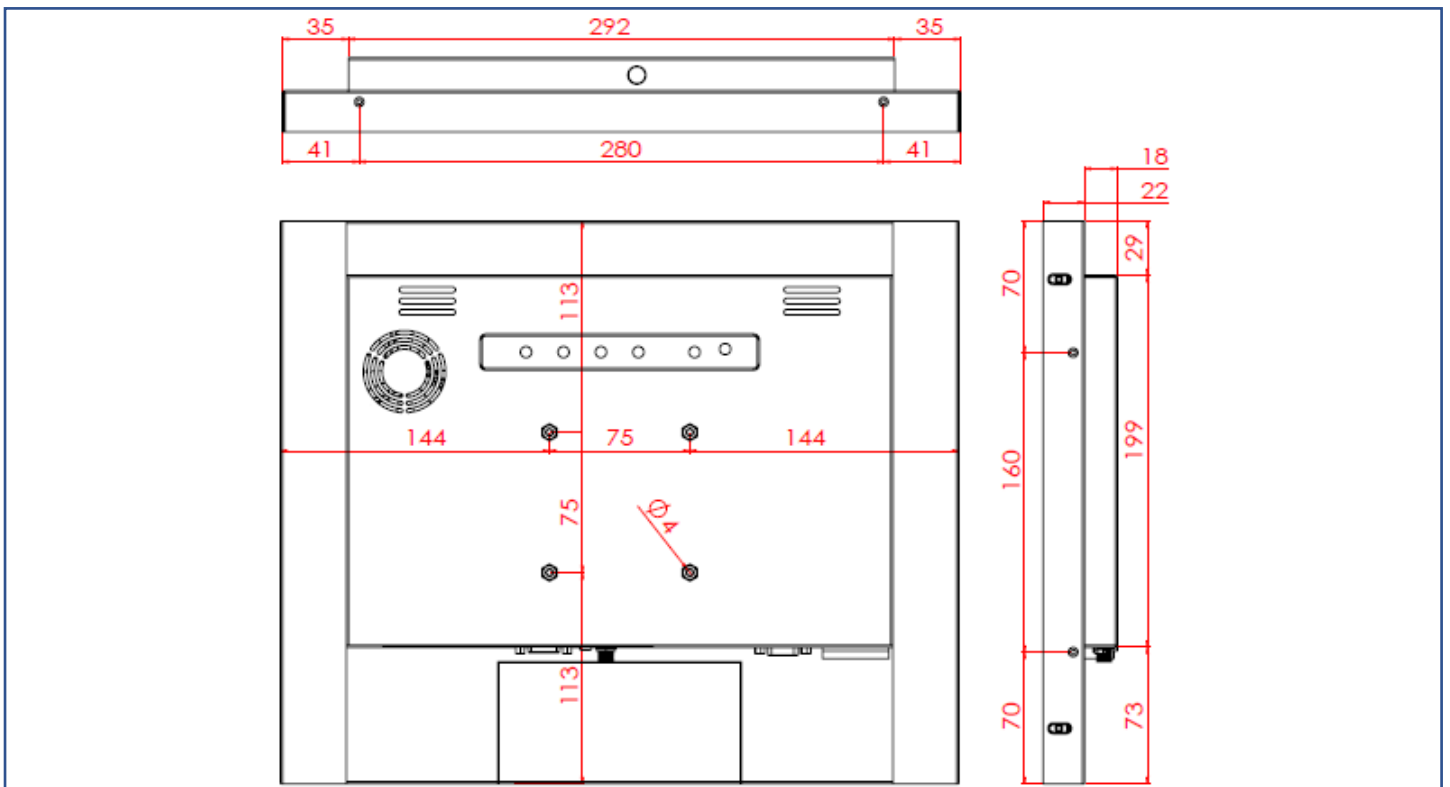
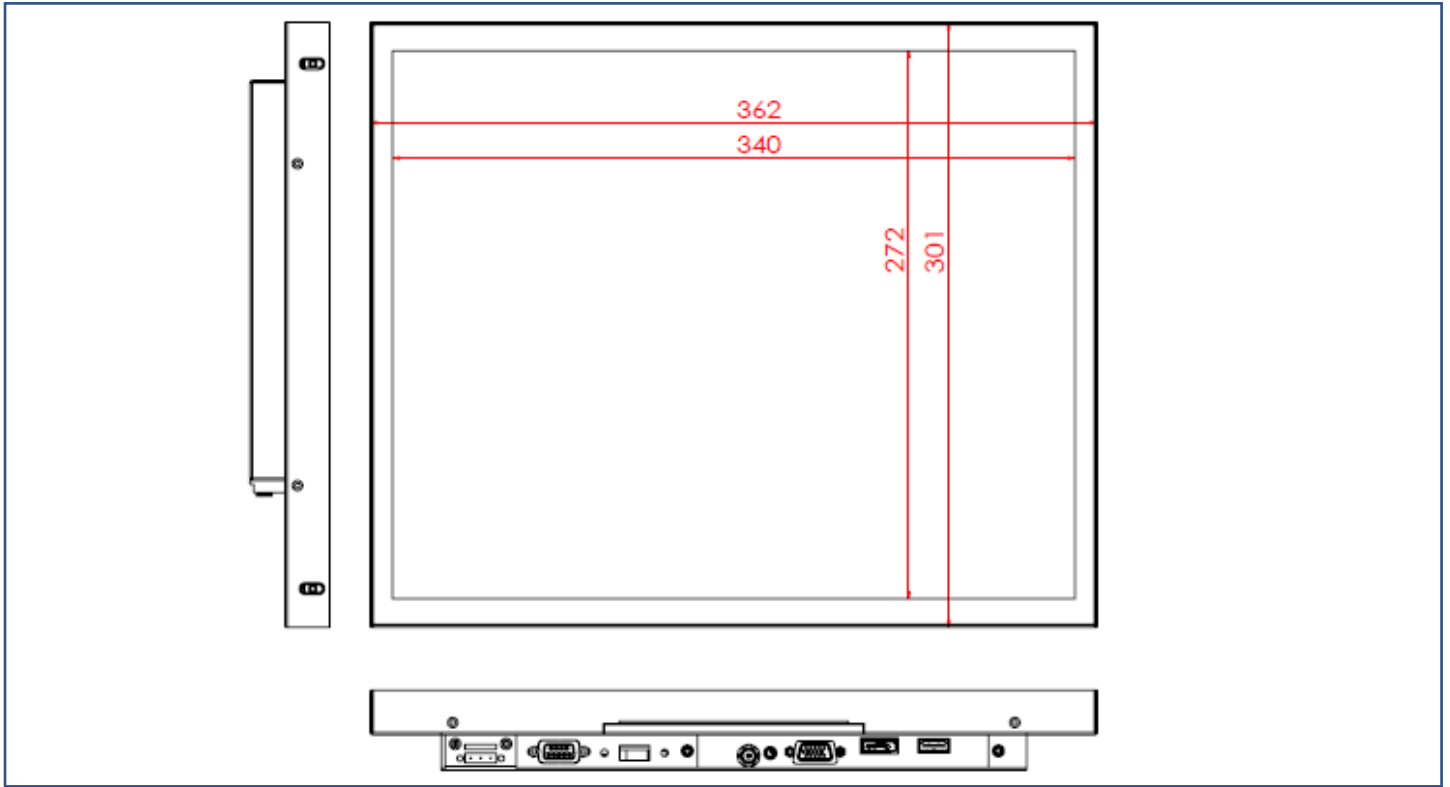
## Packing Information



Unit Carton Size	<b>585x163x450 mm</b>
Unit N. Weight	<b>≤3.6 KG</b>
Unit G. Weight	<b>≤5.5 KG</b>
Units per Pallet	<b>36 units</b>
Pallet Size	<b>120x100x147 CM</b>

## Physical Specifications

Dimension (Max)	<b>362x301x40(±2)mm</b>	Net Weight	<b>≤3.6 KG</b>
VESA Mounting	<b>75x75 mm</b>	Gross Weight	<b>≤5.5 KG</b>



## Cosmetic Inspection Standard

Display Area Allowance			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including dark dot, particles, bubbles, pits, dust, foreign matter)	$D \leq 0.2\text{mm}$	Ignored	D=Diameter
	$0.2 < D \leq 0.7\text{mm}$	$N \leq 5$	N=Quantity
	$0.7 < D \leq 1\text{mm}$	$N \leq 3$	
	$D > 1\text{mm}$	$N \leq 0$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.15\text{mm}$	Ignored	W=Width
	$0.15 < W \leq 0.5\text{mm}, L \leq 15\text{mm}$	$N \leq 2$	L=Length
	$W > 0.5\text{mm}$ or $L > 15\text{mm}$	NG	

\* Visual inspection distance: 60cm, 90 degree (same for front/side/back)

Front Appearance Allowance (Including Coating)			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including particles, bubbles, pits...etc.)	$D \leq 0.7\text{mm}$	Ignored	D=Diameter
	$0.7 < D \leq 1.5\text{mm}$	$N \leq 3$	N=Quantity
	$D > 1.5\text{mm}$	$N \leq 0$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.2\text{mm}, L \leq 15\text{mm}$	Ignored	W=Width, L=Length
	$0.2 < W \leq 0.7\text{mm}, L \leq 15\text{mm}$	$N \leq 1$	
	$W > 0.7\text{mm}$ or $L > 15\text{mm}$	NG	

Side / Back Appearance Allowance (Including Coating)			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including particles, bubbles, pits...etc.)	$D \leq 1.5\text{mm}$	Ignored	D=Diameter
	$1.5 < D \leq 3\text{mm}$	$N \leq 8$	N=Quantity
	$D > 3\text{mm}$	$N \leq 2$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.8\text{mm}, L \leq 15\text{mm}$	Ignored	W=Width, L=Length
	$0.8 < W \leq 1.5\text{mm}, L \leq 15\text{mm}$	$N \leq 5$	
	$W > 1.5\text{mm}$ or $L > 15\text{mm}$	NG	



Display Area  
(Red Area)



Front Appearance (Red Area)



Back Appearance