

Product Specifications

Customer	
Model	NTOD215 V500



Records of Revision			
Vision	Vision	Vision	Vision
v2303.1	Preliminary Specification		
v2303.2	Passed IP69K testing, description modified.		
v2303.3	New trademark released		
v2303.4	Modify Cabinet Design		

Nextech OD Series 21.5" Industrial Waterproof Touch Monitor

NTOD215 V500

Features

- ★ 21.5 inch Industrial Grade Panel, 1920x1080 (FHD) Resolution
- ★ AHVA Wide Viewing Angle Technology , 178°/178°
- ★ IP68/69K Level Waterproof Enclosure
- ★ Stainless Steel Cabinet
- ★ AG Coating and Anti-UV Surface Treatment
- ★ HDMI Video Input
- ★ Optional Resistive/Capacitive Touch Options
- ★ Optional High Brightness 1500nits, for Outdoor Environment
- ★ Optional Auto Dimming Function (with Light Sensor)
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments



PSE



BSMI



CE



ISO9001



FCC



Nextech OD Series 21.5" Industrial Waterproof Touch Monitor

NTOD215 V500

Display Specifications

Model Name	NTOD215 <u>XX</u> SDA-GGSL <u>X0</u> -500*	Display Mode	AHVA Mode, Normally Black
Screen Diagonal	546.21mm (21.5 inch)	Response Time	22 msec.
Display Area	476.0x267.7 mm	Backlight Unit	LED (white LED)
Resolution	1920x1080 (FHD)	Viewing Angle (L/R, U/D)	178°/178° (CR=10)
Contrast Ratio	1000:1	Backlight Lifetime	>50,000 Hours
Display Ratio	16:9	Operating Temp.	0~60°C
Support Colors	16.7M Colors	Storage Temp.	-20~60°C
Pixel Pitch	247.95x247.95 um		

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

Display Options

Brightness			
	Brightness	Environment	Model Name
Standard	250nits	General (Indoor)	NTOD215 <u>N</u> XSDA-GGSL <u>X0</u> -500
Option	1500nits	Sunlight Readable	NTOD215 <u>H</u> <u>X6</u> DA-GGSL <u>X0</u> -500 *

* Check the data sheet NTOD215-6 V500

Accessories

Item	Description	Quantity
HDMI Cable	HDMI Waterproof Connector, 2M	1
USB Cable	USB 3.0 Waterproof Connector, 2M	1
Power cord	*Country Specific	1

Touch Options

Touch Screen		
	Description	Model Name
Standard	Projected Capacitive Touch	NTOD215X<u>P</u>SDA-GGSL<u>U</u>0-500
Option 1	Resistive Touch	NTOD215X <u>5</u> SDA-GGSL <u>U</u> 0-500
Option 2	Non-Touch	NTOD215X <u>0</u> SDA-GGSL <u>0</u> 0-500

Projected Capacitive Touch

Touch Technology	Projected Capacitive	Thickness of Cover Lens	2.9±0.2mm
Allowed Touch Points	10 points	Hardness of Cover Lens	7H
Transparency	≥87%	IK Ratings	IK07
Accuracy	99.00%	Surface Treatment	Anti-glare +UV cut

Resistive Touch

Touch Technology	Resistive Touch	Transparency	80%±5%
Allowed Touch Points	1 point	Surface Treatment	Anti-glare <15%
Precision	98.50%	Hardness	≥3H

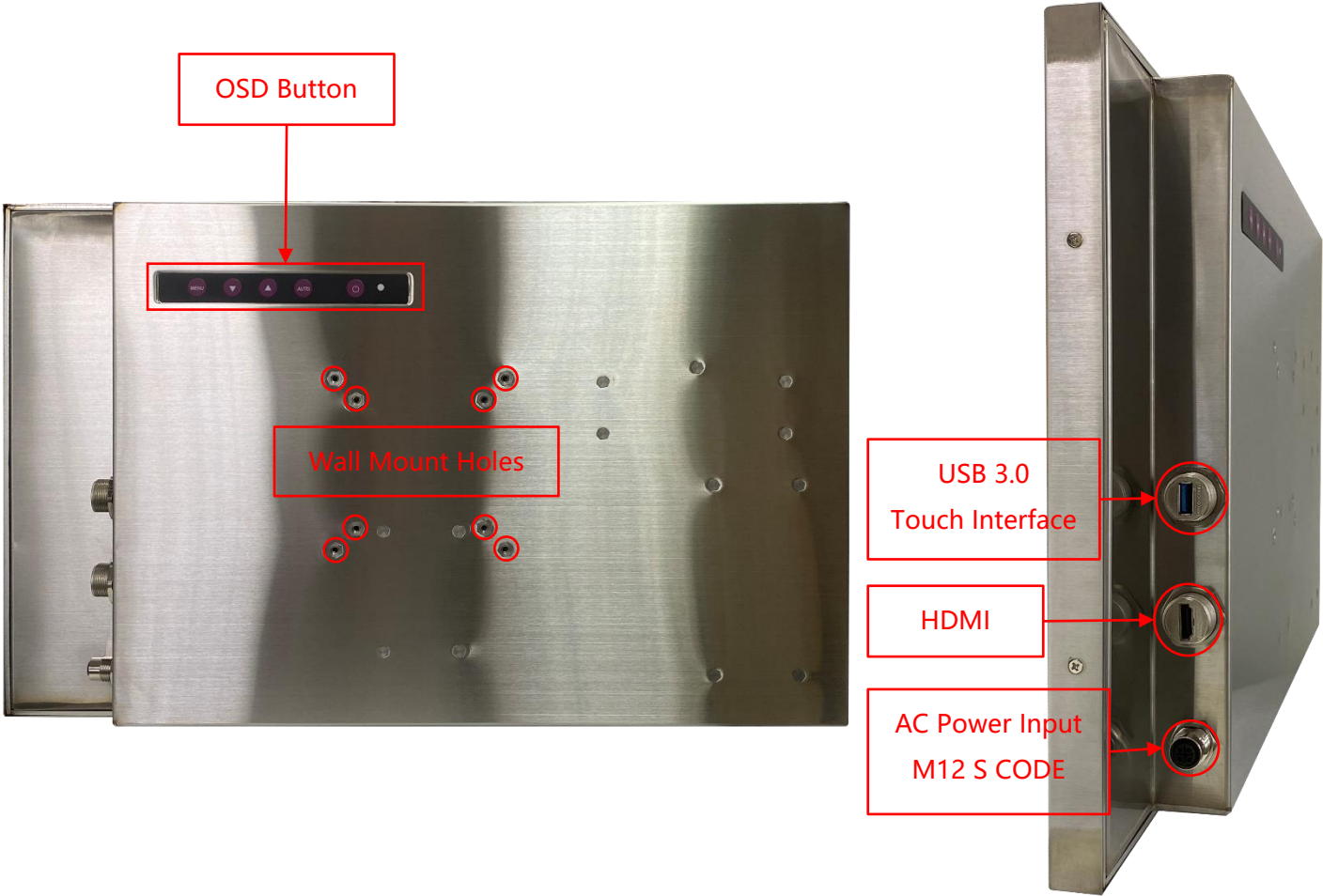
Supported OS

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

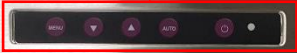
Input /Output System



Light Sensor
(Option)



OSD Button



Wall Mount Holes

USB 3.0
Touch Interface

HDMI

AC Power Input
M12 S CODE

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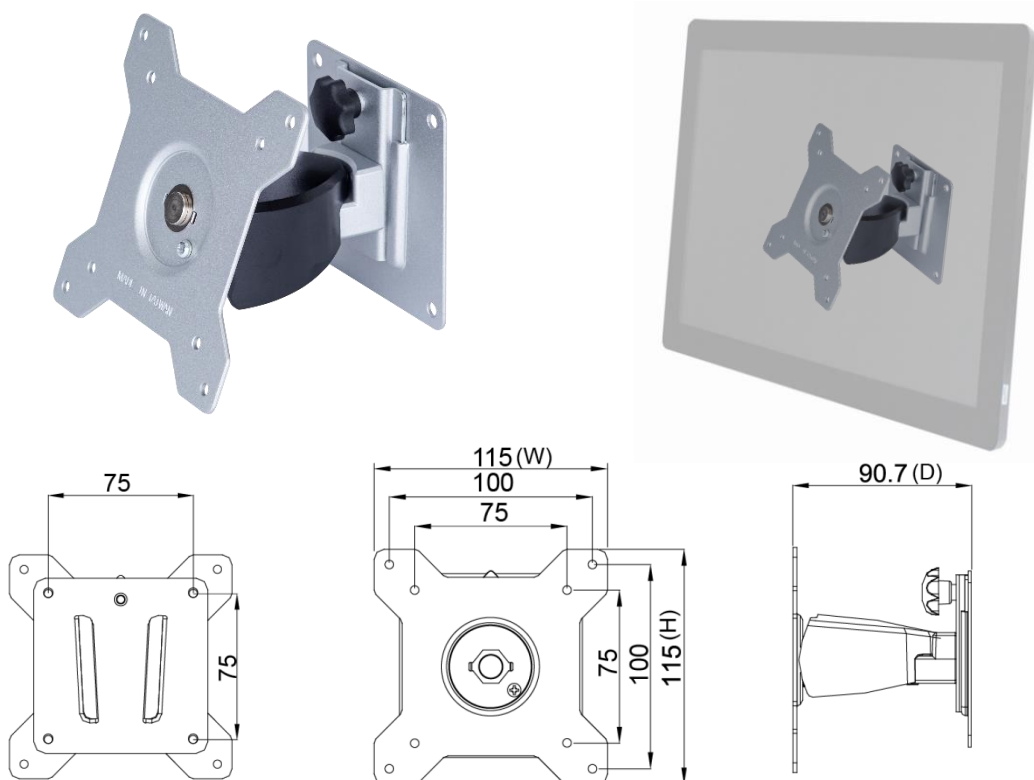
NTOD215 V500

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



Wall Mount Bracket (Option)



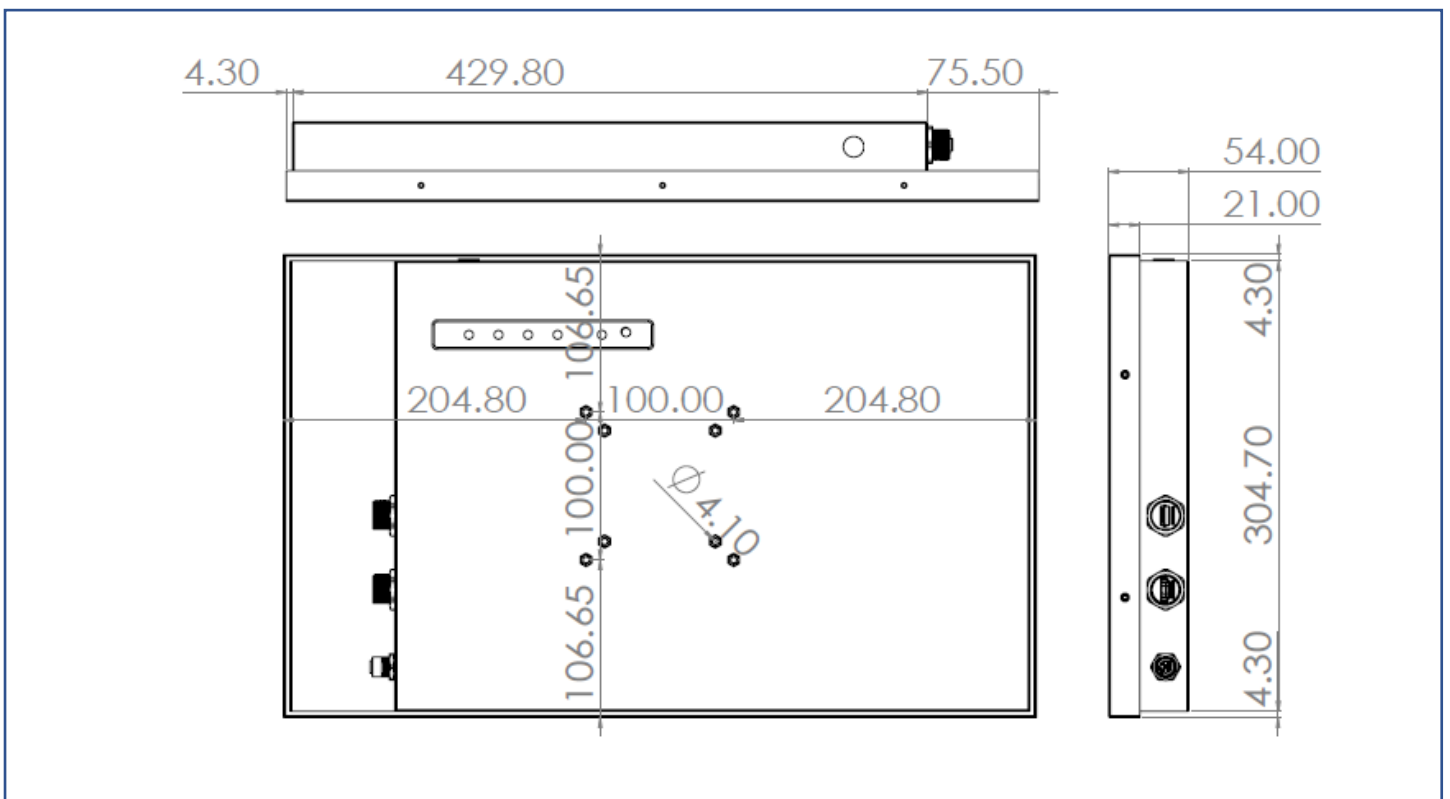
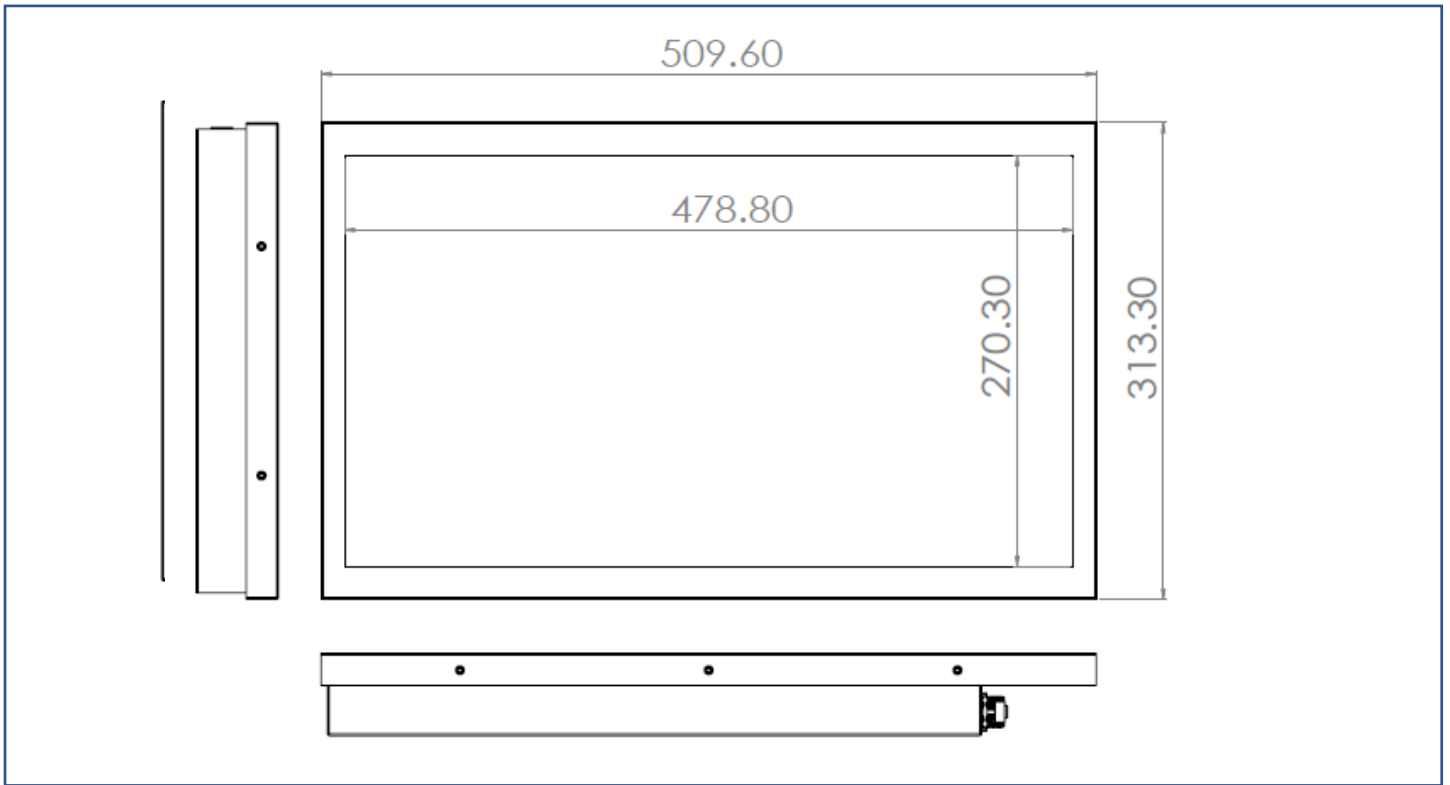
Packing Information



Unit Carton Size	677x161x440 mm
Unit N. Weight	≤6.8 KG
Unit G. Weight	≤8.6 KG
Units per Pallet	30 units
Pallet Size	120x100x147 CM

Physical Specifications

Dimension (Max)	509.6x315.3x51(±2)mm	Net Weight	≤ 6.8 KG
VESA Mounting	100x100 mm	Gross Weight	≤ 8.6 KG



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