

Product Specifications

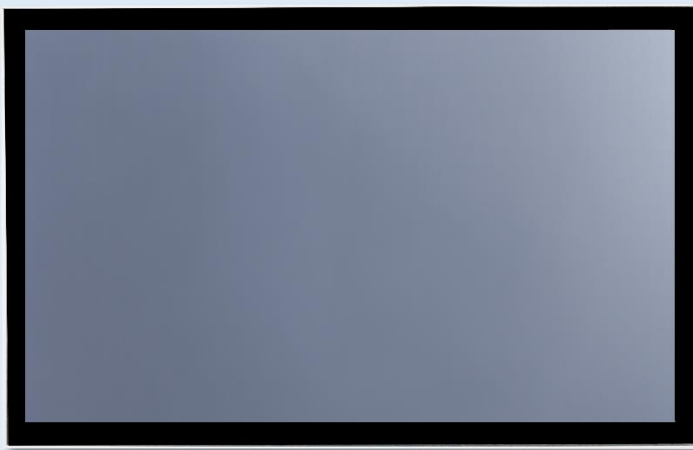
Customer	
Model	NTMD101 V500



Revision History			
Version	Revision Item	Previous Description	Updated Description
v2608.1	Initial release		

Key Features

- ★ Certified to CE/FCC/UL 60601 medical standards
- ★ 10.1" Panel, 1280x800 Resolution
- ★ Wide viewing angle 178°/178°
- ★ Operating Temperature Range -20-60°C
- ★ Narrow-bezel true-flat PCAP touch screen
- ★ Anti-glare UV-resistant tempered glass (7H hardness)
- ★ 10-point multi-touch , supports Nextech stylus
- ★ Aluminum housing with multiple mounting options
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments
- ★ Optional remote control via DDC/CI
- ★ Optional Privacy filter or antimicrobial surface treatment



UL 60601



PSE



BSMI



CE 60601



FCC Part18



Nextech MD Series 10.1" Medical Touch Display

NTMD101 V500

Display Specifications

Model Name	NTMD101N X SD2- XXXXX 0-500*	Display Mode	Normally Black
Screen Diagonal	10.1 inch	Backlight	29 msec. (Typ.)
Active Area	216.96x135.6 mm	Response Time	White LED
Resolution	1280x800	Viewing Angle (L/R, U/D)	178°/178°
Contrast Ratio	800:1	Backlight Lifetime	>30,000 Hours
Aspect Ratio	16:10	Operating Temp.	-20~60°C
Colors	16.7M	Storage Temp.	-20~60°C
Pixel Pitch	0.1695x0.1695 mm	Brightness	400nits

* ~~X~~ = A-Z, 0-9 (Varies by options)

Touch Options

Configuration	Specification	Ordering Information
Standard	Projected Capacitive Touch	NTMD101N P SD2- XXXX <u>U</u> 0-500
Optional	No touch	NTMD101N 0 SD2- XXXX <u>0</u> 0-500

PCAP Touch Specifications

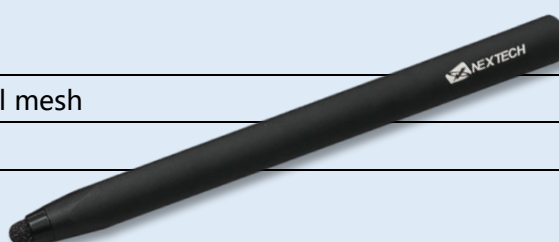
Touch Points	10 points	Cover Lens Thickness	1.1±0.2mm
Transparency	≥87%	Cover Lens Hardness	7H
Accuracy	99.00%	IK Ratings	IK07

Surface Treatment Options

Configuration	Specification	Ordering Information
Standard	Anti-Glare, Anti-UV Coating	NTMD101N X SD2- GG XXX0-500
Optional	Antibacterial (AB Film)	NTMD101N X SD2- AB XXX0-500
Optional	Privacy filter (AS Film)	NTMD101N X SD2- SF XXX0-500

Nextech Stylus (Optional)

Tip	Passive conductive metal mesh
Tip Diameter	6mm



Other Configuration Options

Housing Material		
Configuration	Specification	Ordering Information
Standard	Aluminum	NTMD101XXSD2-XXAXX0-600
Optional	Stainless Steel	NTMD101XXSD2-XXLXX0-600
Optional	SECC	NTMD101XXSD2-XXSXX0-600

Housing Color		
Configuration	Specification	Ordering Information
Standard	White	NTMD101XXSD2-XXXWX0-600
Optional	Black	NTMD101XXSD2-XXXBX0-600
Optional	Silver	NTMD101XXSD2-XXXSX0-600
Optional	Custom Color	NTMD101XXSD2-XXXXX0-600 *

* X = A~Z, 0~9 (Varies by Color)

Touch Interface		
Configuration	Specification	Ordering Information
Standard	USB	NTMD101XPSD2-XXXXU0-600
Optional	No touch	NTMD101X0SD2-XXXX00-600

Supported OS

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

Included Cables and Power Accessories

Item	Specification	Quantity
HDMI Cable	Male-to-male, 1.8 meter	1
AC-DC Adapter	12V medical adapter, CE/FCC/CCC/UL/RoHS/PSE/JET certified	1
Power Cord	* (varies by region)	1
USB Cable	Type A, Male-to-male, 1.8 Meter *(touch models only)	1

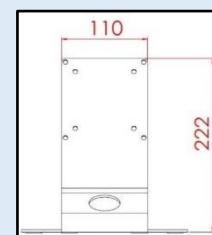
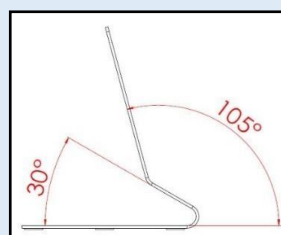
Optional Mounting Accessories

	Accessories	Description
Optional	Desktop stand	For desktop use
Optional	Front protection frame	Protects panel and enables Front IP65 protection
Optional	Open-frame brackets	For rear mounting installation inside kiosks, cabinets, or equipment panels.
Optional	Wall Mount Bracket	For wall mounting

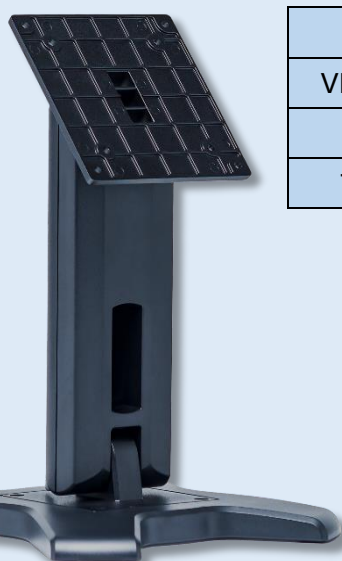
Desktop Stand Type L (Optional)



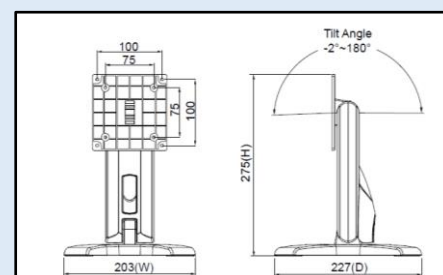
Item	L Stand	Model	DST-0B004/DST-1B004
VESA Mount	100x100 / 75x75 mm	Dimensions	194x194x222 mm
Material	SECC	Net Weight	1.4 kg
Tilt Angle	105°	Load Capacity	15 kg



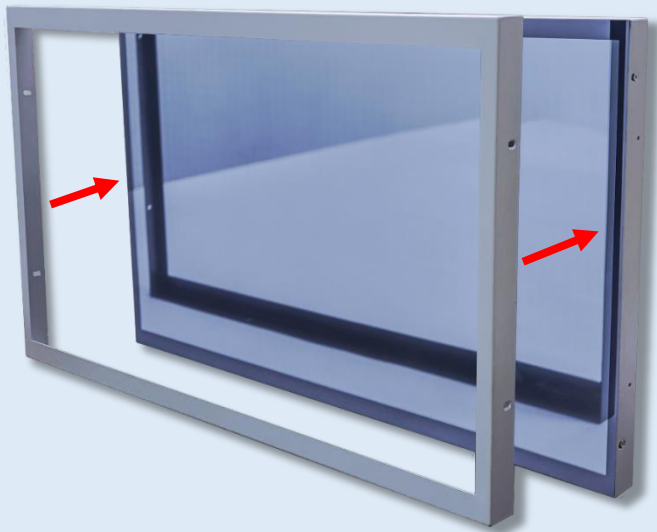
Desktop Stand Type B (Optional)



Item	B Stand	Model	DST-0B002/DST-1B002
VESA Mount	100x100 / 75x75 mm	Dimensions	203x275x227 mm
Material	Steel/Plastic/Aluminum	Net Weight	1.8 kg
Tilt Angle	-2° ~ +180°	Load Capacity	15 kg



Front Protection Frame (Optional)

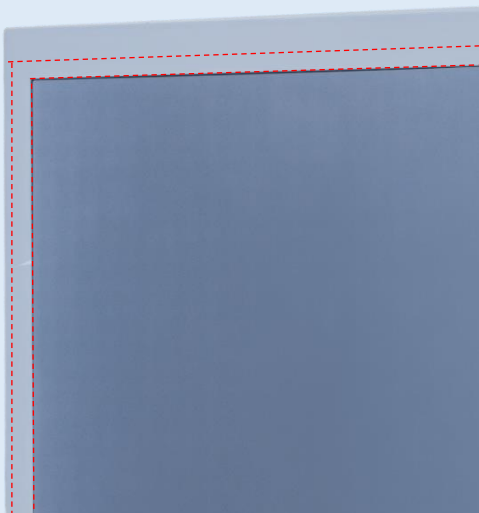


The standard **NTMD101** features a true-flat design with only 1mm metal bezel.

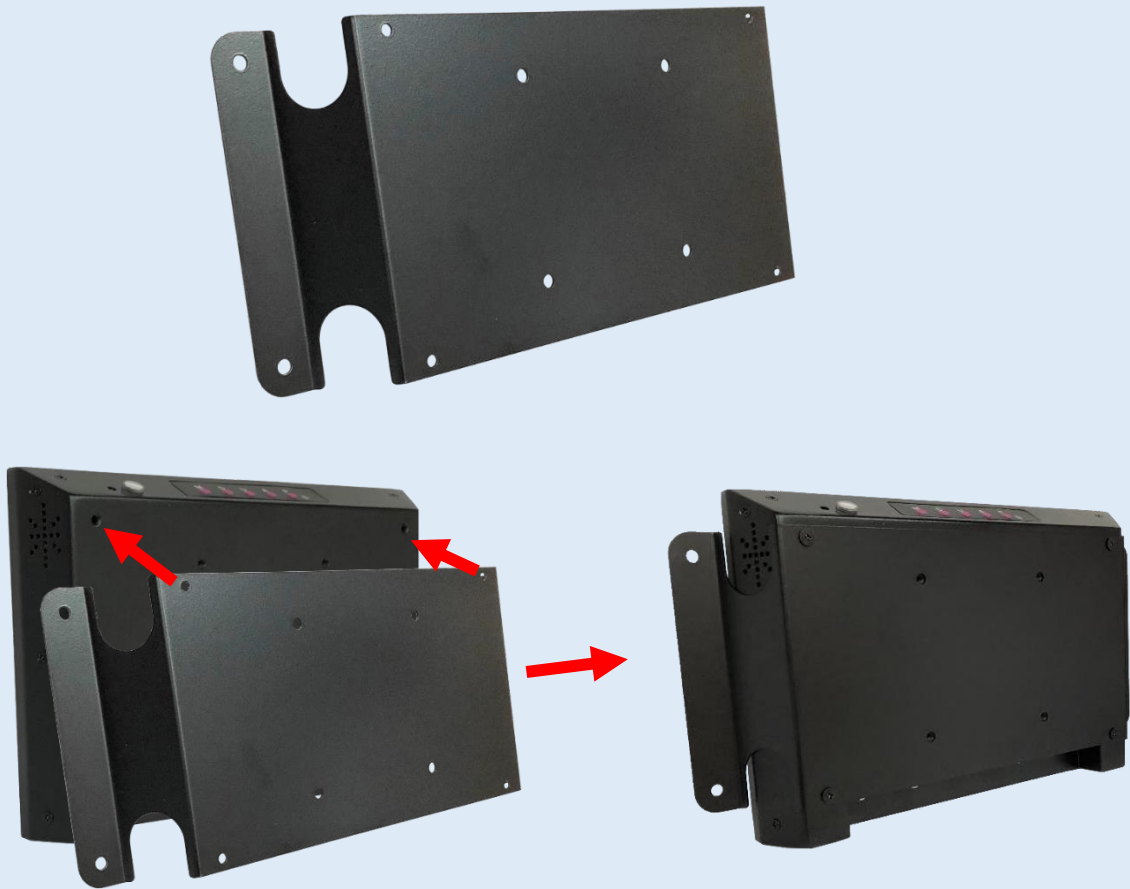
To enhance protection for the corners of the touch screen, the **Front Protection Frame** can be added.



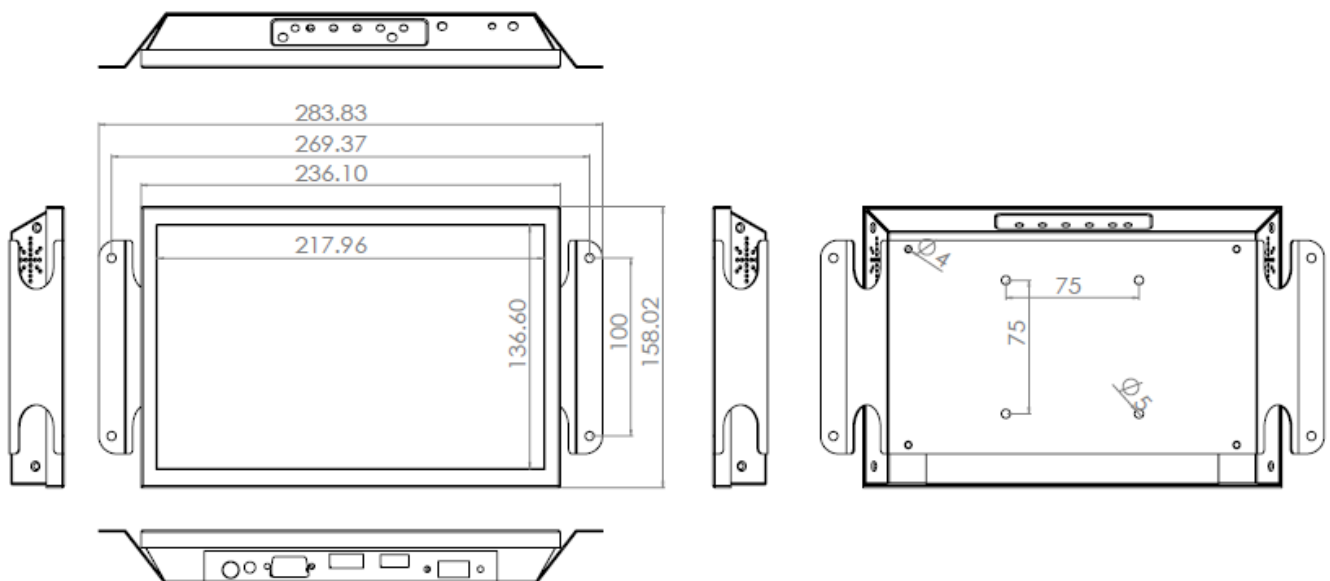
A waterproof gasket can be added between the **Front Protection Frame** and the **NTMD101** to comply with IP65 front protection requirements.



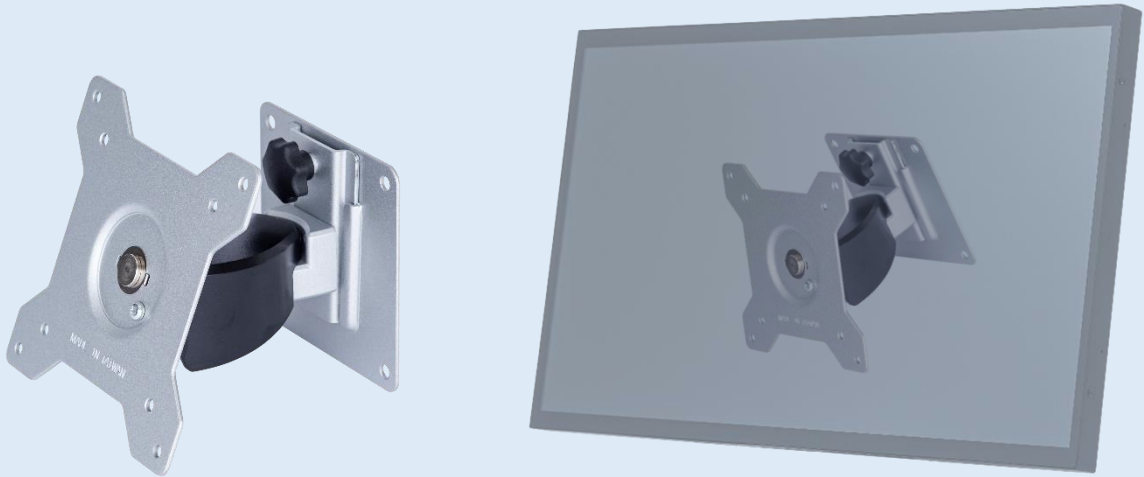
Open-frame Brackets (Optional)



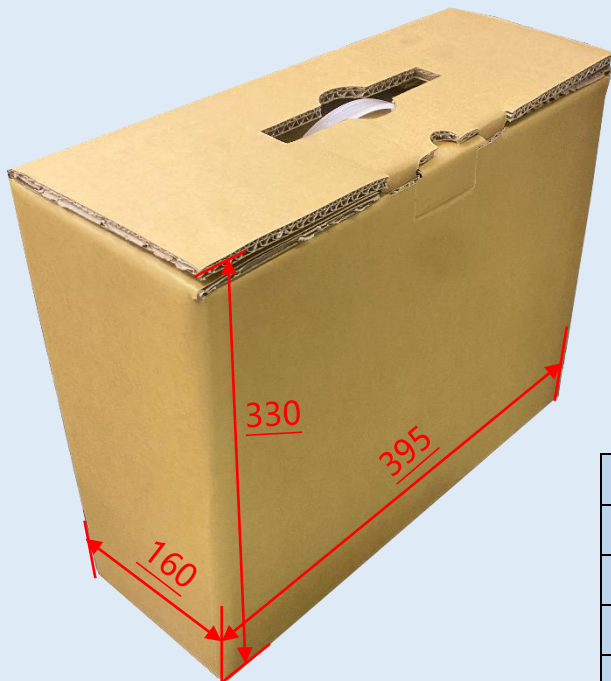
Open-frame Bracket Installation Dimensions



Wall Mount Bracket (Optional)

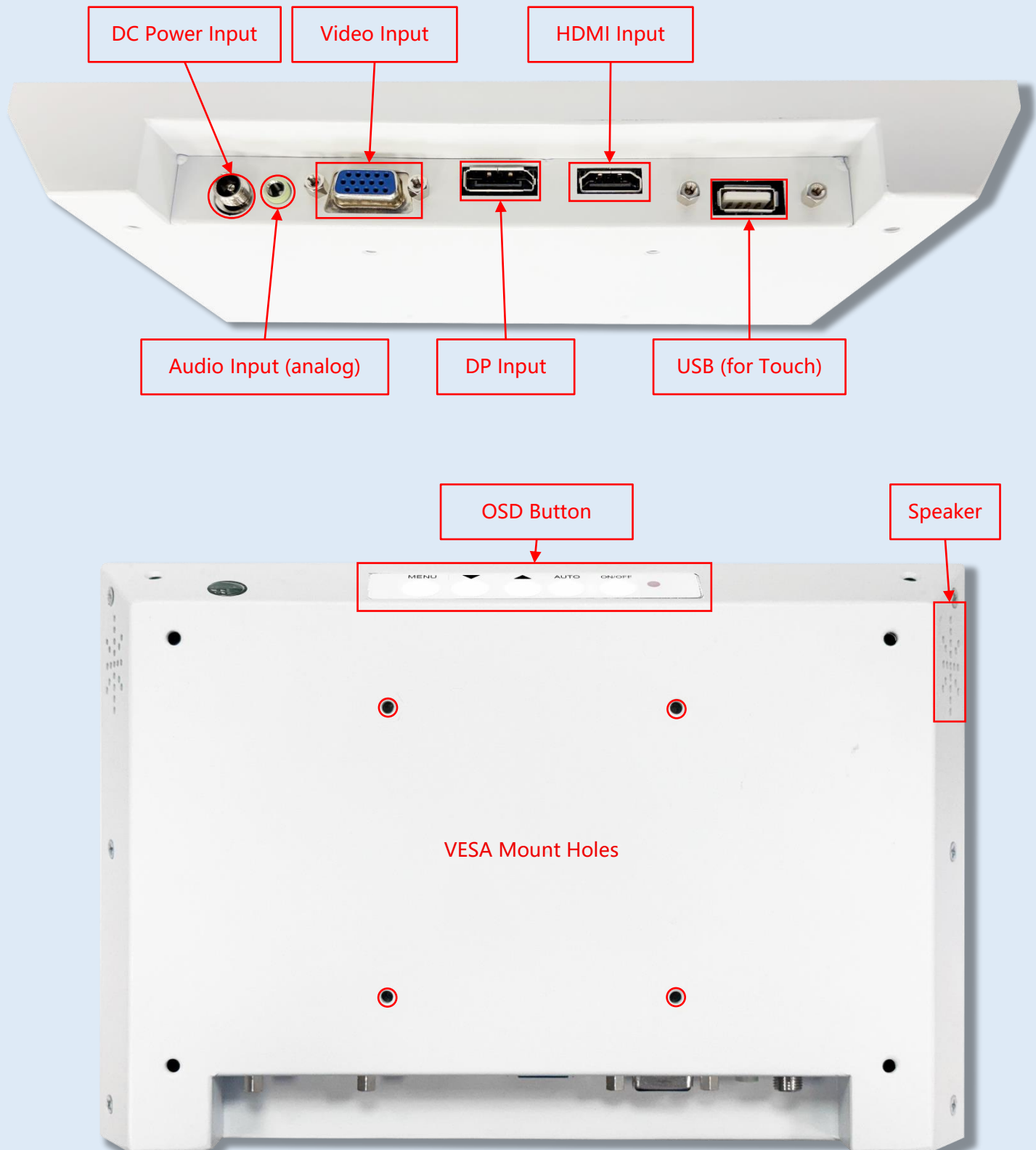


Packaging Information



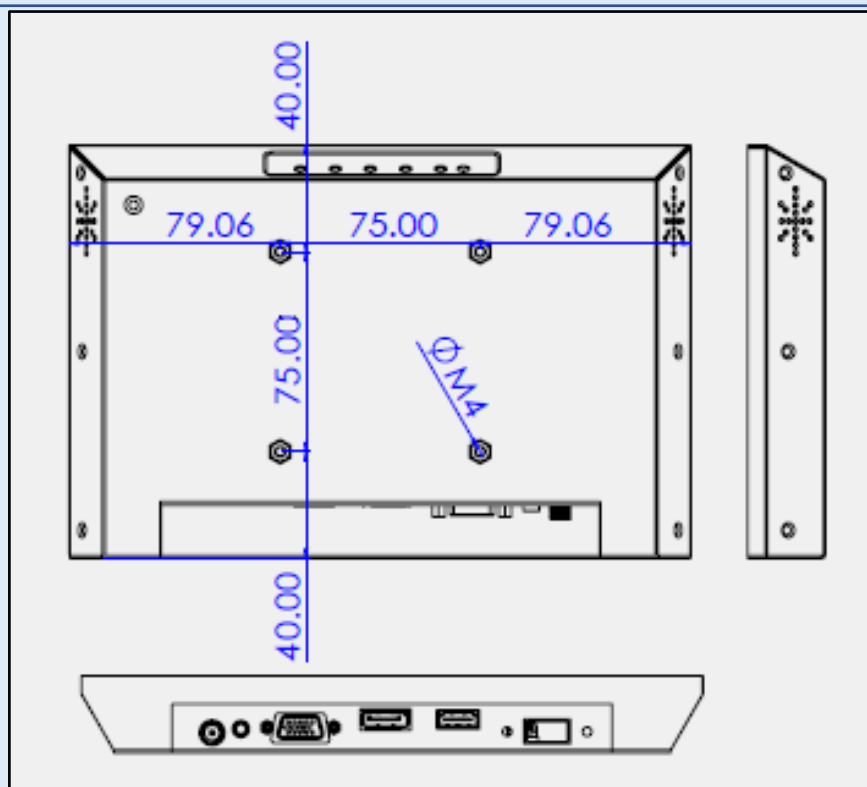
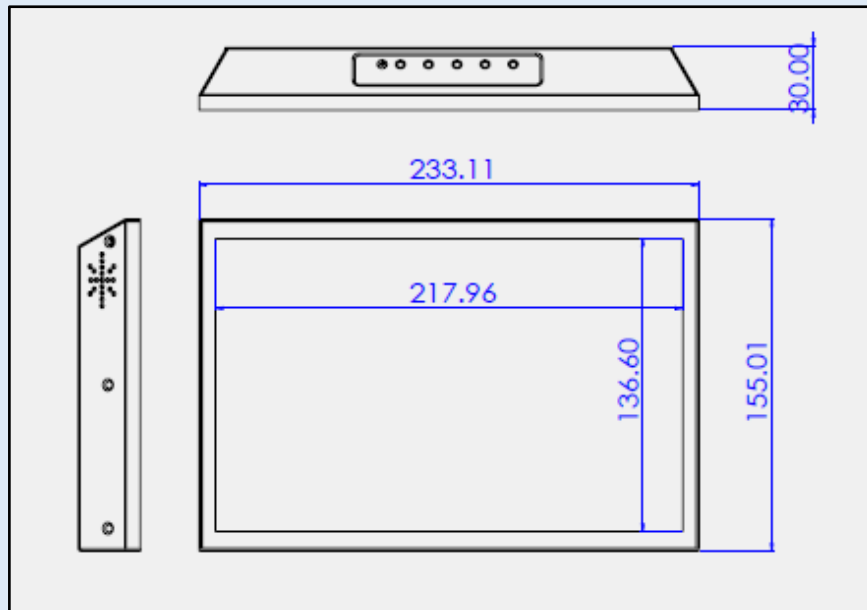
Carton Dimensions	395x160x330 mm
Net Weight	≤0.8 kg
Gross Weight	≤2.0 kg
Units per Pallet	72 units
Pallet Size	120x100x142 cm

Input /Output System



Mechanical Specifications

Dimensions (Max.)	233x155x29(±2) mm	Net Weight	≤0.8 kg
VESA Mount	75x75 mm	Gross Weight	≤2.0 kg



Cosmetic Inspection Criteria

Display Area Defect Criteria			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and 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 (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 condition: 60 cm viewing distance, 90° viewing angle (front/side/back).

Front Appearance Defect Criteria (Including Coating)			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and foreign matter)	$D \leq 0.7\text{mm}$	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 (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 Defect Criteria (Including Coating)			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and foreign matter)	$D \leq 1.5\text{mm}$	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