

DM-121PW / VM-2100

Arestech

21.5" FHD 16:9 Projected Capacitive Modular Touch Monitor



Key Features

- Patented Display Conversion Device (DCD) Technology
- IP65 True Flat Front Panel
- Designed with Aluminum Die-casting Ultra-thin Front Frame
- Multiple Video Inputs: 1 x VGA, 1 x DVI, and 1 x DP
- Touch Interfaces: 1 x USB and 1 x COM
- 2 x 2W Internal Speakers
- 9-48V DC Input with Built-in Ignition Power Control
- Supports Panel / VESA Mounting Holes / Wall Mounting
- (Optional)
 - 10°C to 60°C Operating Temperature

Applications

- Factory / Manufacturing Automation
- Vending / Ticketing Machines
- Smart Agriculture
- Airport Control Tower
- Railway Signal and Control

→ Ordering Information

Part No.	Description
DM-121PW/VM-2100	21.5" 16:9 FHD (1920x1080), 300nits, Capacitive Touch, 1x VGA Input, 1x DVI-D Input, 1x DP Input, 1x USB Touch Interface, 1x COM Touch Interface, DC 9-48V Terminal Block Connector

→ Packing List

Description
1 x DM-121PW/VM-2100
Panel Mount Kits

→ Optional Items

Part No.	Description
55000-0025-M5	Adapter AC/DC 12V 5A 60W GST60A12-GAV with 3pin Terminal Block Plug 5.0mm Pitch
30100-0003-CA	Power Cord, 3-pin US Type, 180cm
30101-0005-CA	Power Cord, 3-pin EU Type, 180cm

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→ Specifications

Model	DM-121PW / VM- 2100	
Panel	Panel Size	21.5"
	Panel Type	LCD Panel
	Aspect Ratio	16:9
	Resolution	FHD, 1920 x 1080
	Viewing Angle	178 (H) x 178 (V)
	Brightness	300 cd/m2
	Contrast Ratio	5000 : 1
	Color Support	16.2 M
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7 Mohs
	Durability	N/A
	Transparency	90% (±3%)
	Interface	1 x USB, 1 x COM
Video Interface	HDMI	N/A
	DP	1 x DisplayPort Input
	VGA	1 x VGA Input
	DVI	1 x DVI Input
Others	Audio	1 x Audio Input
	Remote	1 x Remote Power on/off Connector, 2-Pin Terminal Block 3.5mm 1 x Remote OSD Connector
	Speaker	2 x 2W Internal Speakers
	Switch	1 x External Speaker on/off Switch
		1 x External PC/Car Mode Switch
OSD Control	Function Keys	Touch Monitor On/Off, Auto, Menu, Up and Down, Multi-language OSD
Power	Power Supply Voltage	9-48V DC
	Power Connector Type	1 x 3-pin Terminal Block Connector
	Power Ignition	Power Ignition Sensing
	Power Adapter	1 x Optional AC/DC 12V/5A, 60W Power Adapter
	Protection	Over Voltage Protection (OVP)
Reverse Voltage Protection (RVP)		up to -48V
Over Current Protection (OCP)		20A
Mounting	Type	Panel Mounting / VESA Mounting Holes (100 x 100 mm) / Wall Mounting (Optional)
Environment	Operating Temperature	-10° C to 60° C (14-140° F)
	Storage Temperature	-20° C to 70° C (-4-158° F)
	Humidity	10-80% (Non-condensing)
	Vibration	1.5 Grms, 5-500 Hz, 3 Axis
	Shock	20 Grms, Half-sine 11 ms
General	Certification	CE / FCC
	Ingress Protection	IP65 Compliant Front Panel
	Material	Front Panel Construction: Die-casting Flat Surface
	Dimensions (W x H x D)	527 x 68 x 323 mm (20.75" x 2.68" x 12.72")
	Net Weight	6.8 kg (15lb)

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→ Dimensions

Unit: mm

