




# MONITOR DISPLAY MODULE

## *Product Specification*

Customer	Standard or customer name		
Product Number	DM-270GN-STD		
Customer Part Number	DM-270GN-OPBR03	Air bond, PCT	
	DM-270GN-OGBR02	Air bond, Protective Glass	
Customer Approval		<b>Date:</b>	

### Internal Approvals

Product Mgr	Doc. Control	Electr. Eng
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<b>Date: 05/07/18</b>	<b>Date: 05/07/18</b>	<b>Date: 05/07/18</b>

# Revision Record

Rev.	Date	Page	Chapt.	Comment	ECR no.
A	05/07/18	--	--	Initial release	

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# 1.0 General Descriptions

## 1.1 Main Features

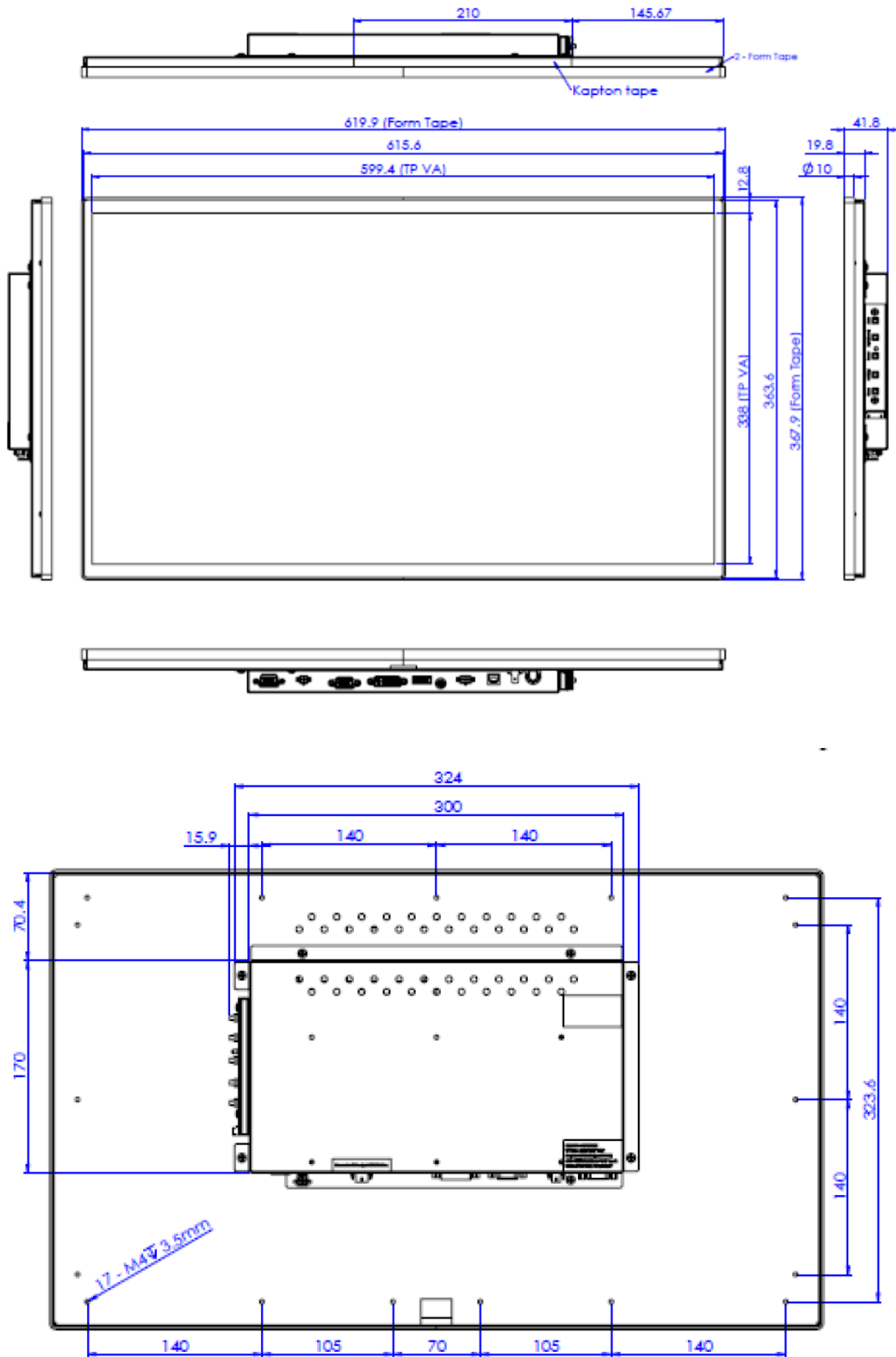
Item	Contents
Display Format	1920 x 1080
Colour	16.7M colours
Overall Dimensions	619.9 (W) x 367.9 (H) x 41.80 (D) mm
Viewing Area	599.4 (W) x 338 (H) mm
Screen Size	27"
I/O	1 x DP, 1 x DVI, 1 x VGA
Touch Type	Single touch / Multiple touch switch – PCT Touch
Multi touch	10 points
Operating temperature	0°C ~ +50°C
Storage temperature	-20°C ~ +60°C ( -4 ~ 140° F)

## 2.0 Mechanical Specification

### 2.1 Mechanical Characteristics

Item	Characteristic	Unit
Display Format	1920 x 1080	Dots
Overall Dimensions	619.9 (W) x 367.9 (H) x 41.80 (D)	mm
Viewing Area	599.4 (W) x 338 (H) mm	mm
Mounting	VESA Mount	

## 2.2 Mechanical Drawing



Product N°: DM-238GN REV.A

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## 3.0 Electrical Specification

### 3.1 Power

Item	Remark
Normal Input Voltage Range	12V/24V DC
Power Connector	DC Jack 5.5/2.5mm, +12V DC Inner pin connector, GND outer Clamp connector
Power Consumption	<30 W

## 4.0 Electrical Specification Touch

### 4.1 Electrical Features

Item	Remark
Touch Type	Single touch / Multiple touch switch – PCT touch
Touch Point	10 points
Interface	USB Type B

## 5.0 Optical Specification

### 5.1 Optical Characteristics

Characteristics	Symbol	Min	Typ	Max	Unit
Brightness	L <sub>br</sub>	-	300	-	cd/m <sup>2</sup>
Dark Room Contrast	CR	-	1:3000	-	
View Angle	Horizontal	-	178	-	Degree
	Vertical	-	178	-	Degree

## 6.0 Environmental Specification

### 6.1 Environmental Characteristics

Item	Remark
Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +60°C
Humidity	5~90% @ 40°C, non-condensing