

# Specification of Glasses-free 3D Monitor M090L028 V1.1



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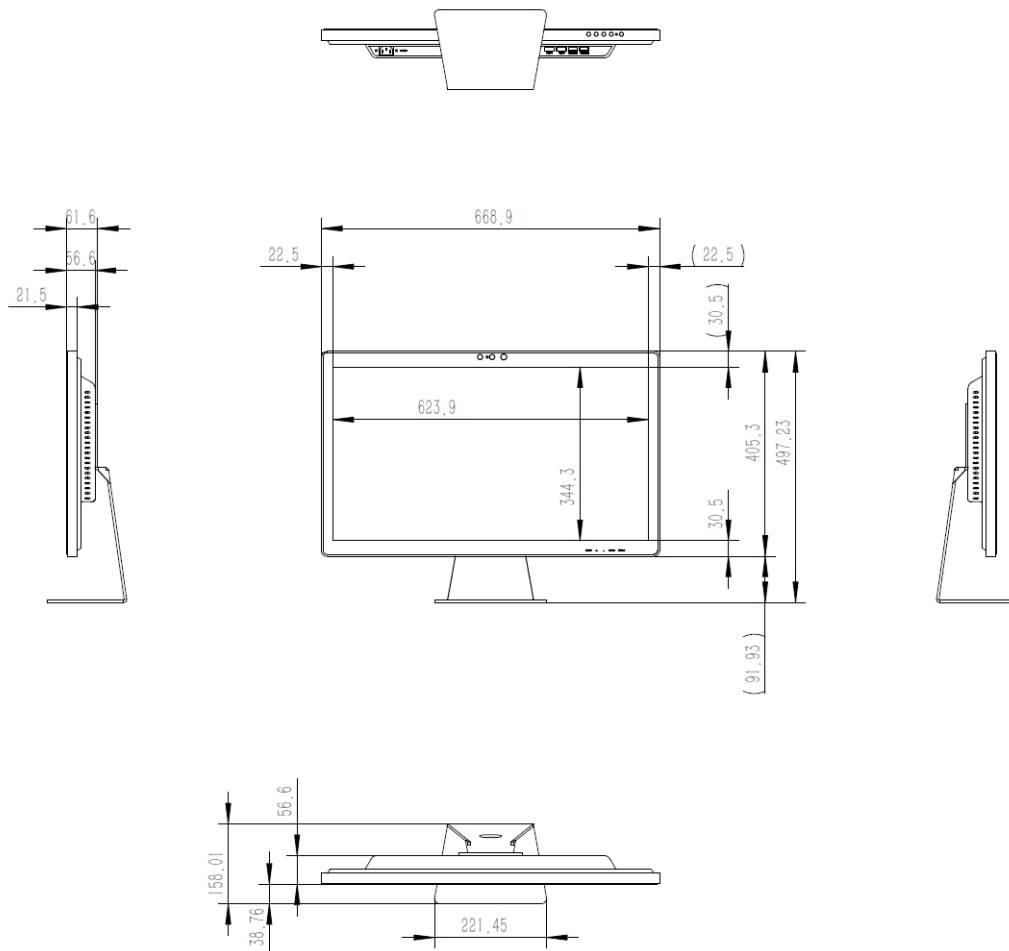
Phone : +86 139 1819 4778

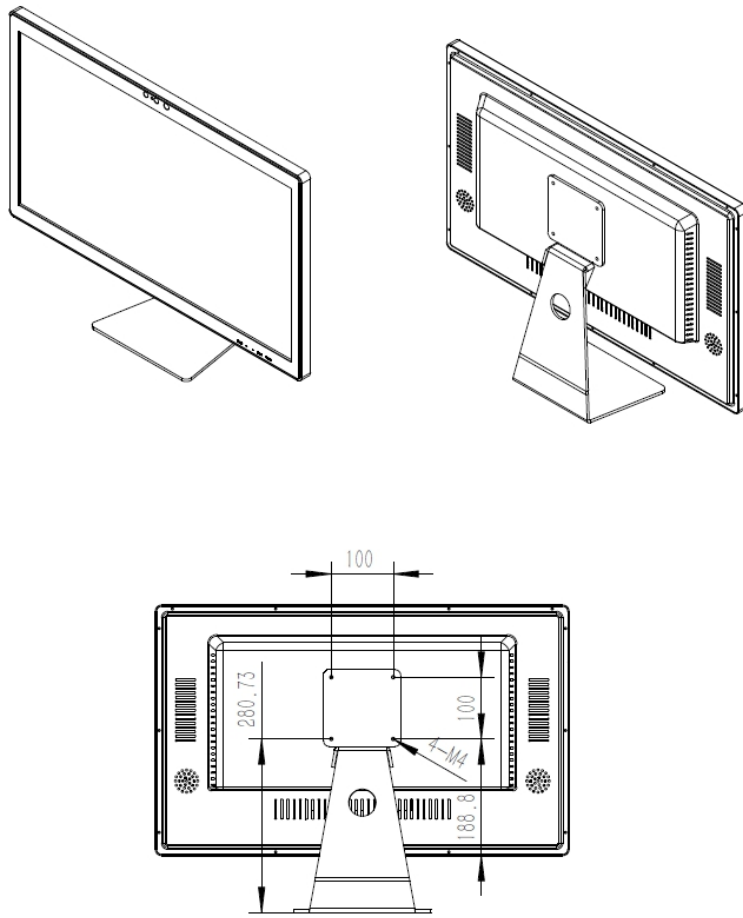
## SPECIFICATIONS

Basic Specifications	
Product Model	M090L028
Display Type	28"LCD
Display Resolution	3840 x 2160
Contrast Ratio	1000:1(Type)
Brightness	300cd/m <sup>2</sup> (Type)
Aspect Ratio	16:9
Color Gamut	72% NTSC
Backlight	LED
Viewing Angle	85° /85° /80° /80° (Type)
Video Input	HDMI, DP
Audio Output	5W x 2
Glasses-free 3D Specifications	
3D Viewing Distance	Support 0.6m~1.3m Support horizontal angle 42°
Smart 2D/3D Switching	<ol style="list-style-type: none"> <li>1. Support smart 2D/3D switching</li> <li>2. Auto switch into 2D if no viewer detected in the range</li> <li>3. Auto switch into 3D if viewer is detected in the range</li> </ol>
3D Effect	<ol style="list-style-type: none"> <li>1. Using mature eye tracking glasses free 3D display technology</li> <li>2. Strong and realistic 3D effect in the tracking range</li> <li>3. Pure and clarity 3D effect, no crosstalk, no ghosting, no jitters and no other issues</li> </ol>
Tracking Method	<ol style="list-style-type: none"> <li>1. RGB image combined with depth map for accurate binocular tracking</li> <li>2. Embedded Intel real sense camera</li> <li>3. High tracking stability and good real-time performance</li> <li>4. Tracking recognition response time is short</li> <li>5. Leading image filtering algorithm</li> <li>6. Fast and accurate tracking</li> </ol>
3D Processing	Using self-designed 3D image processor FPGA, no image delay
Raster Technology	Lenticular lens
Signal Source	Support 4K@60Hz signal source input, ultra-high-definition picture quality
3D Video Format	Support side by side 3D
2DVideo Format	Support common 2D video format
Electrical Specifications	
Input Voltage	AC100V - 240V (50Hz-60Hz)
Power Consumption	≤55W
Operating	0°C ~50°C

Temperature	
Operating Humidity	20%~90%, No Condensation
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10%~90%, No Condensation
<b>Physical Specifications</b>	
Dimensions (without stand)	669(W) * 405(H) * 62(D)mm
Weight (without stand)	12.1 KG
Installation	wall mounted, floor stand

## DIAGRAM





Data subject to change without notice.