HIGHNESS™

One of a kind

65" Industrial Grade Display

ID650UH001-SHB

Release Date
25th May 2020

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1. Technical Specification

Screen Size	65" diagonal
Active Area (H x V)	1428.48 x 803.52 mm
Resolution	3840 x 2160
Aspect Ratio	16:9
Color	1.07B
Viewing Angle	89°/89°/89°/89°
Luminance	2000 cd/m^2
Contrast	1200:1
Response Time	8ms
Operating Temperature	-20° to +70° C
Storage Temperature	-20° to +70° C
Video Inputs Signals	HDMI, DVI & DP
Video Output Signals	DP
Power Input	AC 240V
Power Consumption	300 Watt
Backlight Type	LED
Backlight Life	50,000 hours
Enclosure	Mild Steel / Aluminum
Mounting	VESA standard / Wall Mount

2. Touch Screens (Optional)

2.1 Projected Capacitive Touchscreen

Touch Screen Type	Projected Capacitive
Interface	USB / I2C / UART
Input Method	Finger
Transparency	≥ 80% (± 3%)
Haze	< 3%
Surface Type	Antiglare
Operating Force	10-80 g
Durability	3,000,000 touch at a single point
Hardness	> 3H
Capacitance	< 5 Nf
Supported OS	Windows, Linux & Android

3. Enhancement Solutions (Optional)

3.1. Anti-Reflective / Anti-Glare / Anti-Finger-Print Coating

Particulars	Details
Reflection	0.57%
Transparency	92%
Haze	15%
Surface Hardness	3H

3.2. Surface Hardness Coating

Particulars	Details
Hardness	Upto 9H
Transparency	91.3%
Haze	0.2%
Water Resistance	60^{o}C, 90% RH
Heat Resistance	140^{o}C

3.3. Optical Bonding

Particulars	Details
Structure	Glass + Glass (Soda Lime Glass + TFT-LCD Module or Touch Screen + TFT-LCD Module)
Temperature	-40 to +85^{o}C
Humidity	0 to 95% RH
Transparency	91%
UV Resistance	UVA 340nm

Model Numbers / Ordering Information

Model No.	Particulars	Details
ID650UH001-SHB	Brightness	High Brightness
ID650UH001-SHB-PT	Touch Screens	Projected Capacitive
ID650UH001-SHB-xx-AG/AR/AF	Enhancements	Anti-Reflective / Anti-Glare / Anti-Finger-Print Coating
ID650UH001-SHB -xx-HF		Surface Hardness Coating
ID650UH001-SHB -xx-OB		Optical Bonding

(Manufacturer reserves the sole right to change the specifications without prior notice)
(Touch screen will reduce the original luminance of the LCD display)