



HIGHNESSTM

One of a kind

IDE550FH211-AD-HF

55" Industrial Grade Embedded Display



Release Date

15th Nov 2025

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HIGHNESS MICROELECTRONICS LTD

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Technical Specification

Screen Size		55" diagonal
Active Area (H x V)		1209.6 x 680.4 mm
Resolution		1920 x 1080
Aspect Ratio		16:9
Pixel Pitch (H x V)		153.35 x 460.05 μ m
Color		16.7 M
Viewing Angle (H, V)		178°/ 178°
Luminance		2000 cd/m ²
Contrast Ratio		1000:1
Response Time		16ms
Operating Temperature		-20° to +70° C
Storage Temperature		-20° to +70° C
Built in System		Processor- Quad Core, up to 1.8GHz RAM- 2GB DDR3 1600MHz (4GB Max) Built in 8GB Internal Storage (32 Max) I/O Port: USB2.0, I2C, GPIO, IR Comm.: Serial, UART TTL
Operating System Support	Android	Android 11.0
Supported Formats	Video Format	H.264, MPEG-4, MPEG-2, MPEG-1, H.263, AVI, MP4, DIV, TS, TP, TRP, MKV, MOV, DAT, ASF, WMV, RM, RMVB.
	Image Format	JPEG, PNG
	Music Format	MP3, MP2, WMA, WAV
Network		Wi-Fi (up to 100 Mbps) Ethernet (100-1000 Mbps) Bluetooth
Surface		Toughened Glass
Power Requirements		DC 24V
Power Consumption		160 W
Backlight Type		LED
Enclosure		Mild Steel / Aluminum
Mounting		Wall Mount

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