



HIGHNESS™

One of a kind

IDE430FH211-AD-HF

43" Industrial Grade Embedded Display



Release Date
15th Nov 2025

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS SOLELY OWNED BY 'HIGHNESS MICROELECTRONICS LTD.' MUMBAI. ANY UNAUTHORISED COPY OR PRINTING OR PUBLISHING OF INFORMATION IN THIS DOCUMENT IN PART OR IN COMPLETE IS RESTRICTED.

HIGHNESS MICROELECTRONICS LTD

URL: www.highnessmicro.com, Email: sales@highnessmicro.com

Technical Specification

Screen Size	43" diagonal	
Active Area (H x V)	940.896 x 529.245 mm	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
Pixel Pitch (H x V)	163.35 x 490.05 µm	
Color	16.7 M	
Viewing Angle (H, V)	178°/ 178°	
Luminance	2000 cd/m ²	
Contrast Ratio	1200:1	
Response Time	20ms	
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)