



HIGHNESSTM

One of a kind

Model No. HI104SV001

**10.4" HMI Display
with Microcontroller**

BRIEF SPECIFICATION

Release Date
17th Jun 2021

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HIGHNESS MICROELECTRONICS PVT LTD.

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General Specifications	
Size	10.4 inch
Resolution	800 x 600
Aspect Ratio	4:3
Viewing Area	210.4 x 157.8 mm
Backlight Type	LED
Brightness	300 ~ 900 cd/m ²
Contrast	500:1
Backlight life	50000 hours
Viewing Angle	75°/75°/50°/60°(L/R/U/D)
Processor	
CPU	Cortex A8
Refresh Rate	1.0 GHz
Max Frame rate	60 FPS
Flash Memory	Standard 256MB, Expandable 2GB
Interface	
Serial Interface	RS232 / RS422 / RS485 / TTL
Ethernet interface	10/100Mbps (Optional)
Wireless interface	Wi-Fi / Bluetooth (Optional)
Power Supply	
Rated voltage	+5V DC to +28V DC
Power consumption	3.0 W
Electrical Characteristics	
Supply Current	VIN=12V (Max brightness) (220mA)
	VIN=12V (close brightness) (120mA)
Baud Rate	115200 bps
Ambient Conditions	
Operation Temp.	-20°C ~ +70°C
Storage Temp.	-30°C ~ +80°C
Relative Humidity Operational	85% (55°C)
Relative Humidity Storage	90% (60°C)
Other (Optional)	
Touch Screen	4 Wire Resistance / Capacitive