

TFT-DISPLAYS WITH HDMI-AND RASPBERRY PI-INTERFACE



Raystar introduced a series of **TFT-Displays** with HDMI input. This TFT display series is available in the sizes 5.7", 7.0" (with two different resolutions) and 10.1". With its USB interface resistive touch panels it's easy to realize a human machine interface for Raspberry Pi, mini-PCs and every standard computer. Additional to the standard HDMI plug the TFTs are equipped with the standard 40 pin Raspberry Pi interface for easy plug and play. As option the board is available with 40 GPIO pins controlled by USB. For this display series a single voltage of 5V at 1 A is required for backlight, touch panel and the TFT.

Modules with capacitive touch are under development and will be available soon. No touch versions are procurable on request.

FEATURES

- Compatible with Raspberry Pi 40 pin connector
- Single voltage at 5V for touch panel, backlight and TFT-display
- Standard HDMI connector
- 40 GPIO pins with USB interface
- Usage with mini-PCs and "normal" computers possible
- Supports RTP over USB interface
- LED lifetime up to 50k hours
- Operating temperature up to -20°C to +70°C

SIZE	PART NUMBER	RESOLUTION	BRIGHTNESS	TECHNOLOGY	HDMI INTERFACE	40 PIN RASPBERRY PI	OPERATING TEMPERATURE	RESISTIVE TOUCH
5.0"	RFF50XB-1IW-DHS	800 × 480	350 cd/m ²	TN	•	•	0°C ... +70°C	USB
7.0"	RFF70XG-1IW-DHS	800 × 480	320 cd/m ²	TN	•	•	-20°C ... +70°C	USB
7.0"	RFH70XB-1IW-LHS	1024 × 600	400 cd/m ²	TN	•	•	-20°C ... +70°C	USB
10.1"	RFK101XF-1AH-LHS	1280 × 800	800 cd/m ²	IPS	•	•	0°C ... +50°C	USB