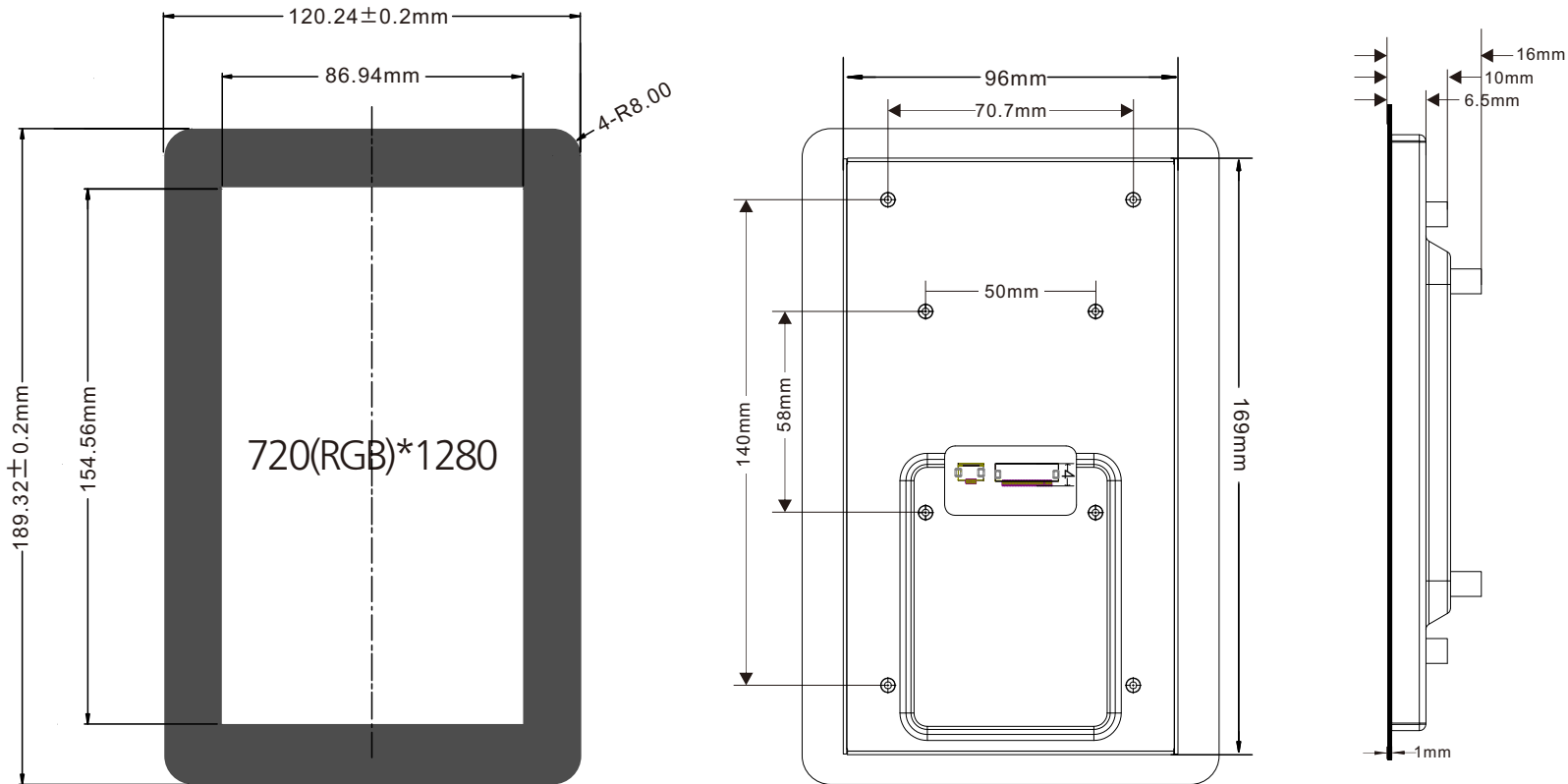


OSOYOO 7 inch IPS DSI Screen for Raspberry Pi

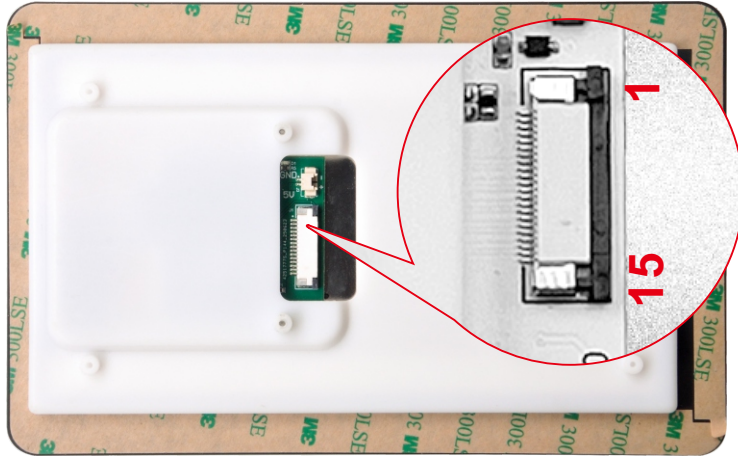
SIMPLIFIED DATASHEET

Physical dimensions for 7" DSI screen



Feature

- 7-inch DSI touchscreen with capacitive touch control
- IPS display panel with 720×1280 hardware resolution
- Toughened glass capacitive touch panel with 6H surface hardness
- Direct LCD driving via Raspberry Pi DSI interface at up to 60Hz refresh rate
- Works with all Raspberry Pi models featuring DSI interfaces (excluding Zero series)
- Software-controlled backlight brightness (0–255)



Pin NO.	Pin Name	Pin NO.	Pin Name
1	GND	9	DOP
2	D1N	10	GND
3	D1P	11	SCL
4	GND	12	SDA
5	CLKN	13	GND
6	CLKP	14	3V3
7	GND	15	3V3
8	DON		

• Specifications

Parameters	Value
Input Voltage	5V
Input Current	0.5 A(min)
Resolution	720x3(RGB)x1280
Display Mode	IPS / Normally Black
Viewing	80/80/80/80°(All)
Module Size	120.24(W) x 189.32(H) x 4.24(T) mm
Active Area	86.84 x 154.37 mm
Interface	2 Lanes MIPI DSI
Surface	6H
Backlight	300 nits (Min)/ 350 nits (Typ.)
LCD Type	TFT
Panel Type	G+G
Operating	0-50 C
Storage	-10-70 °C

Note: Unmarked tolerance: ± 0.20