



**DM-TFTR13-476**

1.3" 240 X 240 Round 300 nits CTP TFT - IPS

- **General specifications**

Specs	parameters	Description
Display mode	TFT LCD	IPS
Backlight Type	LED	
Dimension	LCM:R35.6 *2.77(H) Driverboard:48(L)*32.2(W)*3.78(H)	mm
Color	262K	RGB18bit
Brightness	300 nits	
Active Area(mm)	Diameter=32.4mm	1.28inch
Touch panel type	CTP	
Resolution	240RGB × 240	
Other hardware	/	/
Special feature	video play/boot video	

- **Environment and Electrical Characteristics**

specs	parameters
Input voltage range	5VDC
Power consumption	5V/150mA (Maximum brightness)
Working temperature	-20℃~+60℃
Storage temperature	-30℃~+70℃
Working humidity	10%~90%RH
Three anti-treatment	NO

- **Communication interface parameter**

specs	parameters	
Communication interface type	UART with 3.3V TTL level, follow TGUS® protocol	
Serial baud rate	Minimum value	2400
	Typical value	9600
	Maximum value	115200
Data format	1 start bit -8 data bits - no parity bit -1 stop bit (8N1)	
Micro USB	To update the firmware and UI	
Users connection interface	10pin 1.0mm- pitch ZIF or soldering pad	

- **Memory parameters**

Parameters	Description	Applications
FLASH memory	SPI FLASH(16MB) on board	10MB for users to store picture, font ,icon, boot video..

- **Pin description**

10pin 1.0mm pitch ZIF (reserved)

Pin Assignment	Pin Name	Type	Description
1,2,	VCC	P	5VDC
3,4,	NC		NC
5	RXD	Input	UART Receive ,Connect to TXD of USER
6	TXD	Output	UART Transmit, Connect to RXD of USER
7	DM		USB-DM
8	DP		USB-DP
9,10	GND	P	GND

6pin-soldering pad

Pin Assignment	Pin Name	Type	Description
1	VCC	P	5VDC
2	RXD	Input	UART Receive ,Connect to TXD of USER
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