



● Feature

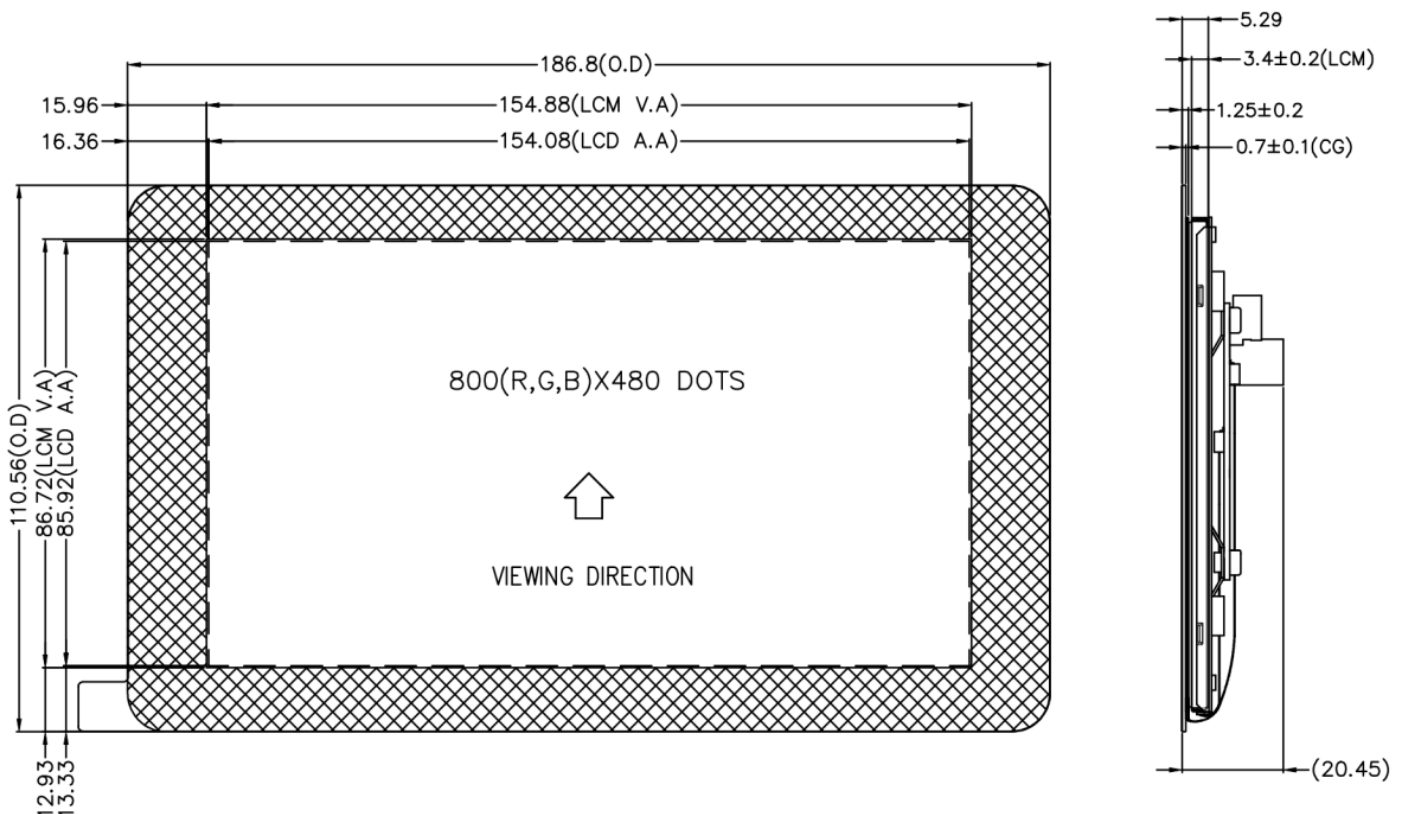
1. 7.0" TFTLCD Module
2. Resolution:800*3(RGB)*480
3. DisplayType:TFT/Transmissive/Normally white
4. Interface Type:HDMI
5. Surface Luminance:680cd/m²
6. Top:-20°C~70°C
7. Support Capacitive Touch Panel
8. CTP Drive IC:HYCON 4635



● Mechanical Data

1. Module(WxHxT)(mm):186.8*110.56*20.45
2. Active Area(mm):154.08*85.92
3. LED Numbers: 24 LEDs

● Mechanical Drawing



● HDMI Interface Pin Function

Pin#	Name	Description
1	TX2+	TMDS Data 2+
2	TX2 Shield	TMDS Data 2 Shield
3	TX2-	TMDS Data 2-
4	TX1+	TMDS Data 1+
5	TX1 Shield	TMDS Data 1 Shield
6	TX1-	TMDS Data 1-
7	TX0+	TMDS Data 0+
8	TX0 Shield	TMDS Data 0 Shield
9	TX0-	TMDS Data 0-
10	TXC+	TMDS Clock+
11	TXC Shield	TMDS Clock Shield
12	TXC-	TMDS Clock-
13	CEC	CEC
14	NC	No connection
15	SCL	Serial Clock for DDC
16	SDA	Serial Data for DDC
17	GND	Power ground
18	V5V	+5V Power
19	Hot Plug Detect	Hot Plug Detect

● Capacitive Touch Panel Pin Function

Pin#	Name	Description
1	V5V	V _{Bus} 4.4V-5.25V
2	D-	Data-
3	D+	Data+
4	ID	No connection
5	GND	Power ground.

● Electrical Characteristics

Module

Item	Symbol	Min.	Typ.	Max.	Unit	Remark
Input signal Voltage	V _{12V}	11.5	12.0	12.5	V	-
Supply Current	I _{V12V}	-	-	1500	mA	Pattern = Full Display

Backlight

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
LED Voltage	V _L	I _L =140mA	14.7	18.0	19.2	V
LED life time	-		50000	-	-	hr