

To: Ultran

 **New-Blanview**
TFT-LCD Monitor Landscape 7.0inch WVGA
COM70H7M40ULC

April, 2020
TOPPAN PRINTING CO., LTD.
Electronics Division
Ortus Subdivision
Sales Department

Confidential

※ When continuing to be exposed to strong ultraviolet light as your product application
Depending on the strength, please support UV cutting on the front of the LCD monitor.

Specifications

Under Developing **ORTUSTECH**

COM70H7M40ULC Landscape 7.0inch WVGA TFT-LCD module


ORTUSTECH

New-Blanview

RoHS compatible

Specifications

Items	Specification	Units	Notes
Surface Finishing	Clear	--	
Display Size	178 (7.0)	mm (inch)	
Display Format	800 X RGB X 480	Stripes	
Dot Pitch	63.5 (H) X 190.5 (V)	μm	
Active area	152.40 (H) X 91.44 (V)	mm	aspect ratio 16:9
Outline Dimensions	169.80 (H) X 109.70 (V) X 6.08 (D)	mm	
Weight	(170)	g	
Number of Colors	16,777,216 / 262,144	colors	
Input Signal Type	8-bit / 6-bit LVDS	--	
Brightness	(400 / 790)	cd/m ²	at 20 / 40 mA
Contrast Ratio	700	—	
NTSC Ratio	50	%	
Viewing Angle(U/D/L/R)	80 / 80 / 80 / 80	deg.	CR _≥ 10
Operating Temperature	- 30 ~ + 85	°C	
Storage Temperature	- 40 ~ + 95	°C	
Power Supply	3.3	V	
Power Consumption(LCD)	125	mW	
Power Consumption(LED)	(800)	mW	at 20 mA
Estimated Life of LED	50,000	hrs	at 20 mA
Vibration	2.0	G	

	AUO TN C070VW01 V0	 New-Blanview COM70H7M24ULC	ORTUSTECH COM70H7M40ULC
Operating Temp.	-30~85°C	-30~85°C	-30~85°C
Storage Temp.	-30~85°C	-40~95°C	-40~95°C
Surface	Anti-Glare	Clear	Clear
Outline Dimension	170.0×111.0×7.5	169.8×109.7×6.08	169.8×109.7×6.08
Contrast Ratio	1,000	700	700
Color Ratio	60%	50%	50%
Viewing Angle	80/80/80/80	80/80/80/80	80/80/80/80
Brightness	400cd/m ² at80mA	400cd/m ² at20mA	400cd/m ² at20mA
Panel Power Consumption	792mW	125mW	125mW
LED Power Consumption	2,560mW	876mW	(800mW)
Estimated Life Of LED	50,000h	100,000h	50,000h
Vibration	1.5G	6.8G	2.0G