



UST070SSRNNN00

7.0" IPS LCD-TFT MODULE SPECIFICATION

Key Specifications

Parameter	Specification
LCD Type	IPS TFT / Transmissive / Normal Black
Size (Diagonal)	7.0"
Viewing Direction	Full Viewing (All)
Outside Dimensions (W x H x D)	165.00 x 100.00 x 5.70 mm
Active Area (W x H)	154.21 x 85.92 mm
Pixel Pitch (W x H)	0.1506 x 0.1432 mm
Resolution	1024 x 600 (RGB)
Brightness	1000 cd / m ² (typ.)
Contrast Ratio	1000:1 (typ.)
Color Depth	16.7 M
Pixel Arrangement	RGB Vertical Stripe
Interface	RGB (24-bit parallel)
LCD Driver	JD9165BA
With / Without Touch	Without Touch Panel
Surface Treatment	Anti-Glare
Operating / Storage Temp.	-20°C ~ +70°C / -30°C ~ +80°C
Weight	135 g

Revision Table

Rev.	Date	Description
1.0	2026-10-13	First issue

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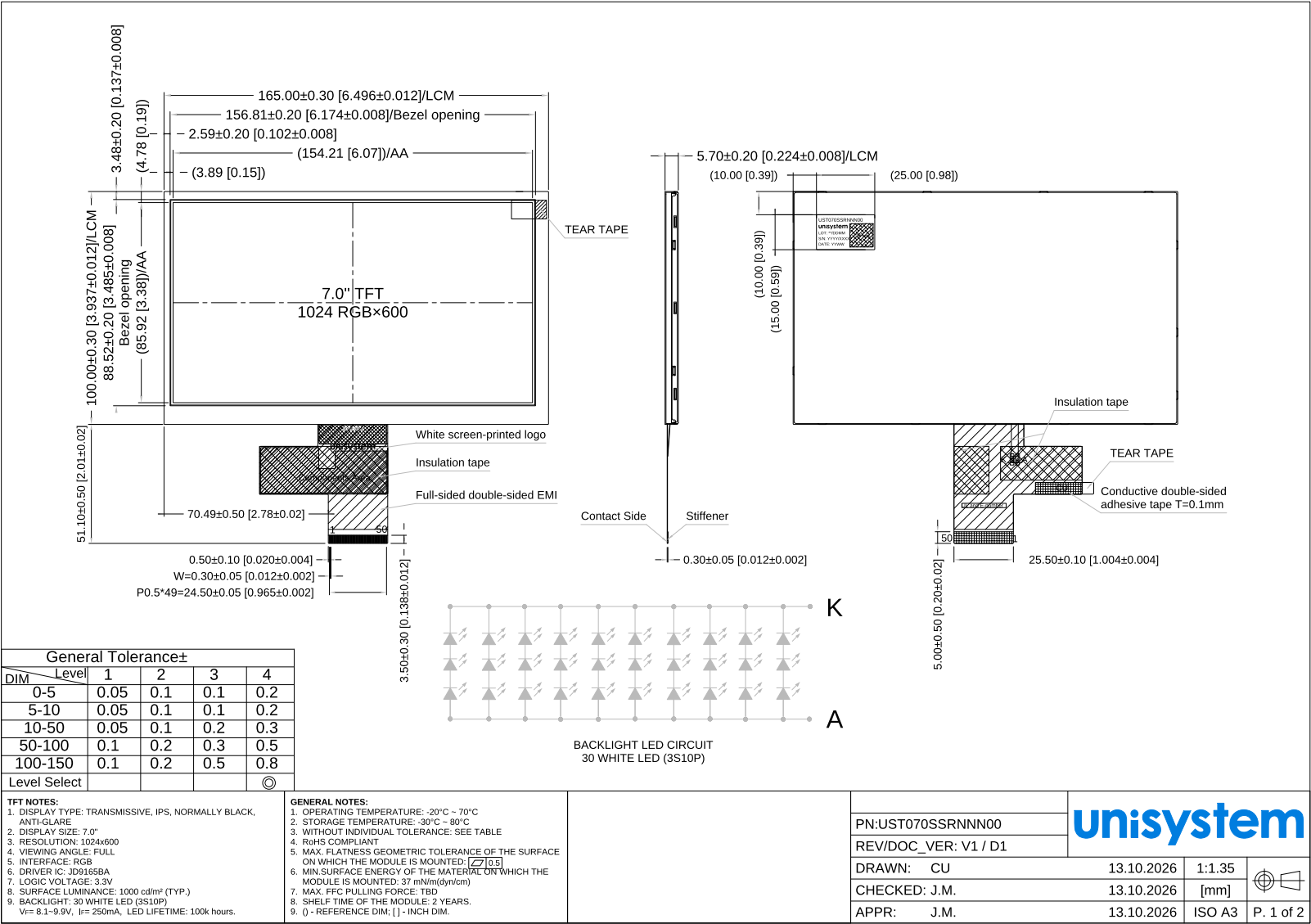
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1. Coding System

1	2	3	4	5	6	7	8	9	10
US	T	070	S	S	R	N	N	N	00

No.	Parameter	Options
1	Manufacturer	Unisystem
2	Display Type	T – TFT
3	Display Size	070 – 7", 101 – 10.1", 121 – 12.1", 156 – 15.6"
4	Model Series	S – “Core” Standard Brightness IPS, H – “Pro” High Brightness IPS, L – “Lite” IPS
5	Resolution	M – 800x480, S – 1024x600 (WSVGA), W – 1280x800 (WXGA), X – 1024x768 (XGA), F – 1920x1080 (FHD)
6	Interface	L – LVDS, M – MIPI DSI, R – RGB, D – eDP, H – HDMI and USB-C
7	Frame	F – With Mounting Metal Frame, N – Without Mounting Metal Frame
8	Touch Panel	N – Without Touch Panel, C – With Projected Capacitive Touch Panel
9	Cover Glass Specification	N – Without Cover Glass, E – Rectangular Glass with Optical Bonding, U – Rounded Glass with Optical Bonding
10	Version	00 – base series, 10 – improved series

2. Mechanical Drawing



3. Absolute Maximum Ratings

Item	Symbol	Min.	Max.	Unit
Power supply voltage	V_{DD}	-0.3	3.96	V
Storage temperature	T_{STG}	-30	+80	°C
Operating temperature	T_{OP}	-20	+70	°C

$V_{SS} = 0V$, $T_a = 25^{\circ}C$

Note 1: If T_a is below $50^{\circ}C$, the maximum humidity is 90%RH; if T_a is over $50^{\circ}C$, the absolute humidity shall not exceed that of 60%RH at $50^{\circ}C$.

Note 2: The response time will be extremely slow when the operating temperature is around $-10^{\circ}C$ or below, and the background will become darker during high-temperature operation.

4. DC Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	V_{DD}	2.8	3.3	3.6	V
Logic-High Input Voltage	V_{ih}	$0.8 \times V_{DD}$	-	V_{DD}	V
Logic-Low Input Voltage	V_{il}	GND	-	$0.2 \times V_{DD}$	V
Logic-High Output Voltage	V_{oh}	$0.9 \times V_{DD}$	-	V_{DD}	V
Logic-Low Output Voltage	V_{ol}	GND	-	$0.1 \times V_{DD}$	V
Current Consumption (All white)	I_{DD}	-	125	-	mA

5. Backlight Characteristics

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$T_a = 25^{\circ}C$, $I_F = 25mA$ / LED	8.1	9.3	9.9	V
Forward Current	I_F	$T_a = 25^{\circ}C$, $I_F = 25mA$ / LED	-	250	-	mA
Power Dissipation	P_D	-	-	2325	-	mW
Uniformity	Avg	-	-	80	-	%
LED working life ($25^{\circ}C$)	-	-	-	100,000	-	Hrs
Drive method	Constant current					
LED Configuration	30 White LEDs (3 LEDs in one string and 10 groups in parallel)					

Note 1: LED lifetime is defined as the time until the brightness drops to 50% of its initial value.

The test is conducted under ambient air flow, at $T_a = 25 \pm 2^{\circ}C$, 60%RH $\pm 5\%$, $I_F = 25mA$ / LED.

6. Optical Characteristics

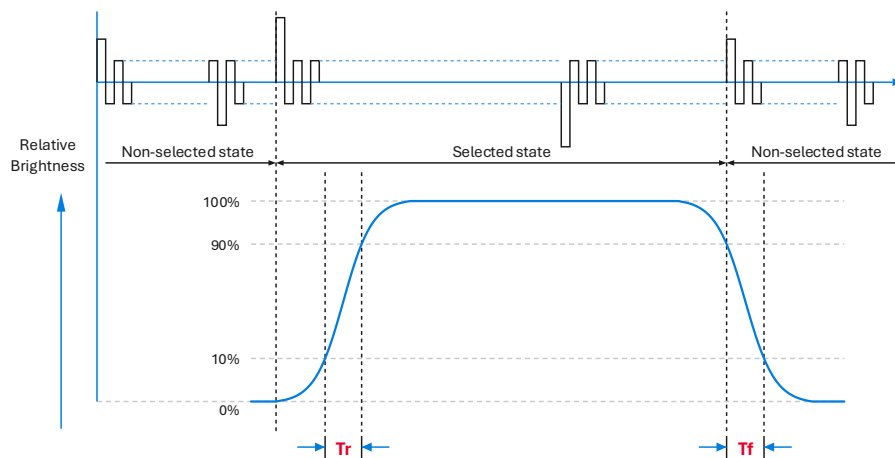
6.1 Optical Specifications

Ta = 25°C, VDD = 3.3V

Backlight On (Transmissive Mode)	Item		Symbol	Condition	Specification			Unit
					Min.	Typ.	Max.	
	Luminance on TFT (I _F = 25mA / LED)		L _V		-	1000	-	cd / m ²
	Contrast ratio (See 6.3)		CR		700	1000	-	
	Response time (See 6.2)		T _R + T _F		-	30	35	ms
	Chromaticity Transmissive (See 6.5)	Red	X _R		0.550	0.600	0.650	
			Y _R		0.325	0.375	0.425	
		Green	X _G		0.283	0.333	0.383	
			Y _G		0.514	0.564	0.614	
		Blue	X _B		0.084	0.134	0.184	
Y _B				0.037	0.087	0.137		
White		X _W		0.258	0.308	0.358		
		Y _W		0.296	0.346	0.396		
Viewing Angle (See 6.4)	Horizontal	θ _{X+}	Center CR ≥ 10	70	80	-	Deg.	
		θ _{X-}		70	80	-		
	Vertical	φ _{Y+}		70	80	-		
		φ _{Y-}		70	80	-		
NTSC Ratio (Gamut)					45	50	-	%

6.2 Definition of Response Time

6.2.1 Normally Black Type (Negative)

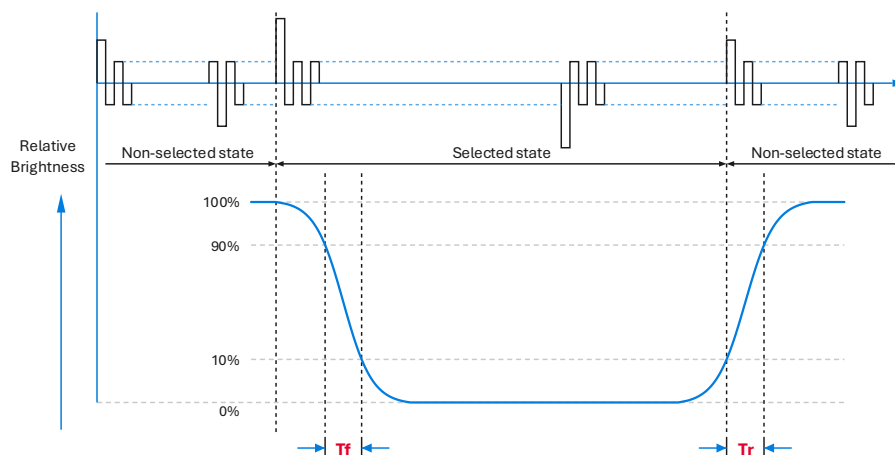


T_r is the time it takes to change from non-selected state with relative luminance 10% to selected state with relative luminance 90%.

T_f is the time it takes to change from selected state with relative luminance 90% to non-selected state with relative luminance 10%.

Note: Measuring machine: LCD-5100

6.2.2 Normally White Type (Positive)



T_r is the time it takes to change from non-selected state with relative luminance 90% to selected state with relative luminance 10%.

T_f is the time it takes to change from selected state with relative luminance 10% to non-selected state with relative luminance 90%.

Note: Measuring machine: LCD-5100 or equivalent

6.3 Definition of Contrast Ratio

Contrast is measured perpendicularly to the display surface in transmissive mode.

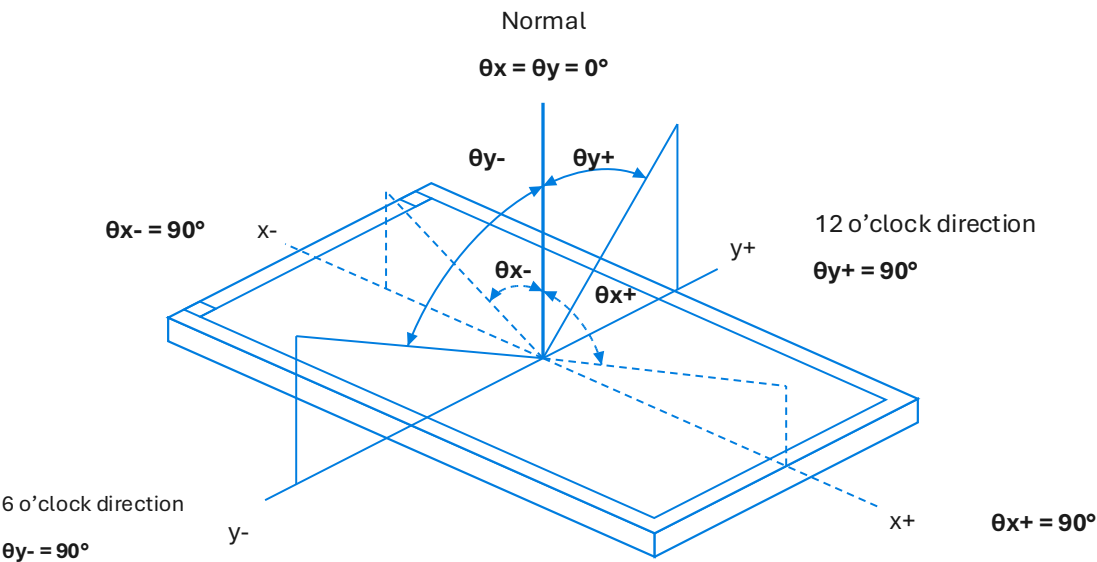
The measurement condition is:

Measuring Equipment	Eldim or equivalent
Measuring Point Diameter	3mm / 1mm
Measuring Point Location	Active Area center point
Test pattern	A: All pixels white
	B: All pixels black
Contrast setting	Maximum

Definition: CR (Contrast) = Luminance of White Pixel / Luminance of Black Pixel

6.4 Definition of Viewing Angles

Measuring machine: LCD-5100 or equivalent

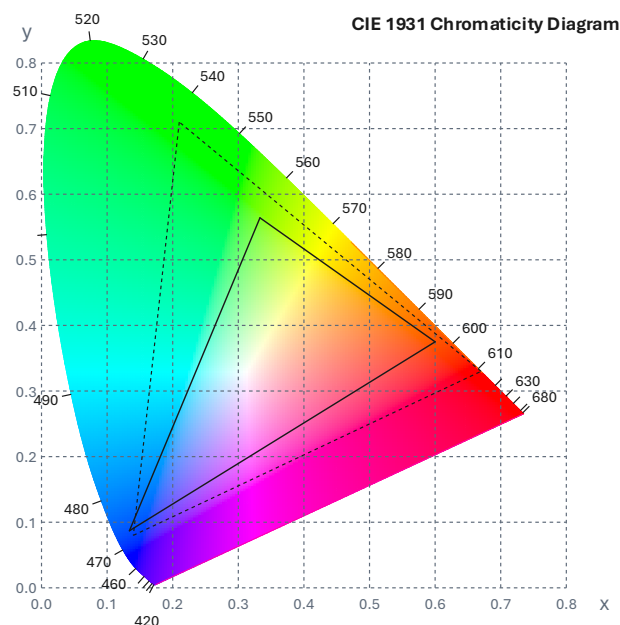


6.5 Definition of Color Appearance

R, G, B and W are defined by (x, y) coordinates on the CIE chromaticity diagram.

NTSC = area of RGB triangle / area of NTSC triangle x 100%

Measuring picture: Red, Green, Blue and White (Measuring machine: BM-7)



6.6 Definition of Surface Luminance, Uniformity and Transmittance

Using the transmissive mode measurement approach, measure the white screen luminance of the display panel and backlight.

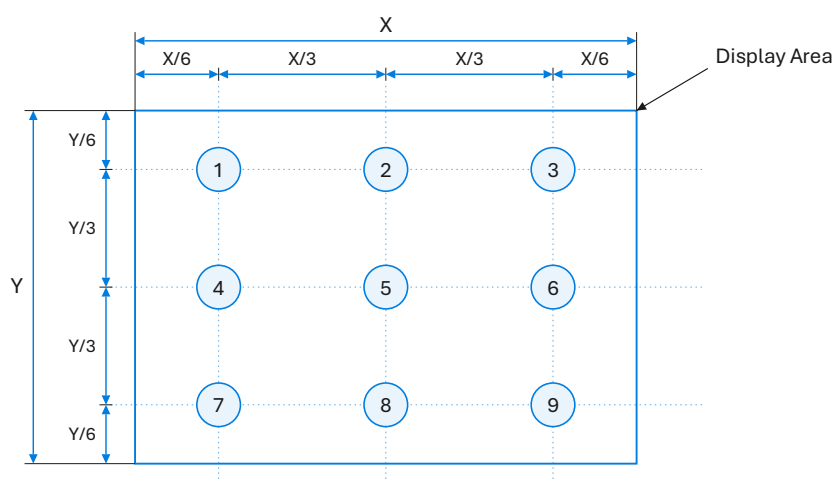
Surface Luminance: $L_V = \text{average } (L_{P1}:L_{P9})$

Uniformity = Minimum ($L_{P1}:L_{P9}$) / Maximum ($L_{P1}:L_{P9}$) × 100%

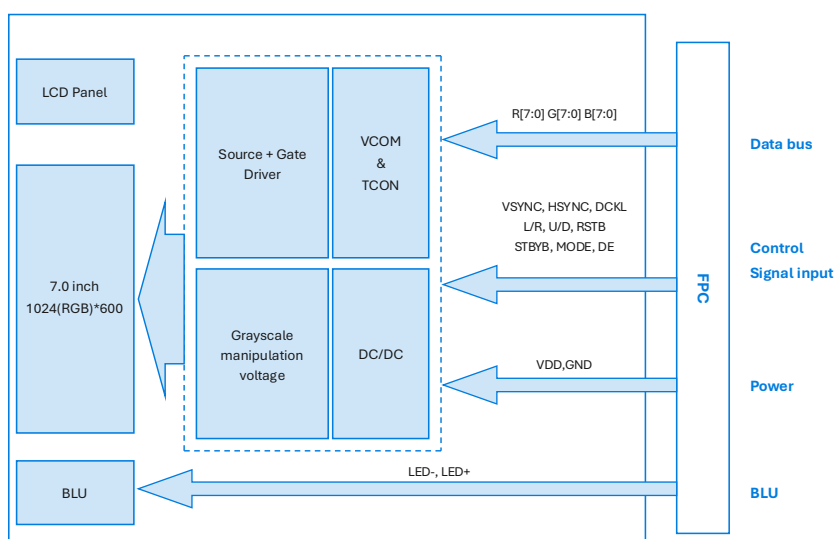
Transmittance = $L_V \text{ on LCD} / L_V \text{ on Backlight} \times 100\%$

Note: Measuring machine: BM-7

Note: Test 3 brightness points below 3.5 inches (point 2 / 5 / 8), test 5 brightness points between 3.5–7 inches (point 1 / 3 / 5 / 7 / 9), and test 9 brightness points above 7 inches (point 1 to 9).



7. Block Diagram and Power Supply



8. Interface Pins Definition

LCM PIN:

No.	Symbol	Function
1-2	LED+	LED Anode
3-4	LED-	LED Cathode
5	GND	Ground
6	NC	Not connect
7	V _{DD}	Power supply
8	MODE	DE / SYNC mode selects H: DE mode. L: SYNC mode
9	DE	Data enable signal, active high to enable data
10	VS _{YNC}	Vertical synchronizing signal
11	HS _{YNC}	Horizontal synchronizing signal
12-19	B7-B0	Blue data signal
20-27	G7-G0	Green data signal
28-35	R7-R0	Red data signal
36	GND	Ground
37	DCLK	Clock for input data
38	GND	Ground
39	L / R	Horizontal inversion ¹⁾
40	U / D	Vertical inversion ²⁾
41-43	NC	Not connect
44	RSTB	Global reset pin
45-46	NC	Not connect
47	STBYB	Standby mode selection ³⁾
48	GND	Ground
49-50	NC	Not connect

Note

1) Horizontal inversion (Default pull Low)

L / R	Function
1	Right → Left
0	Left → Right

2) Vertical inversion (Default pull Low)

U / D	Function
1	Bottom → Top
0	Top → Bottom

3) Standby mode selection (Default pull High)

If not used, please fix this pin at V_{DD} level.

STBYB	Function
H	Normal mode
L	Standby mode

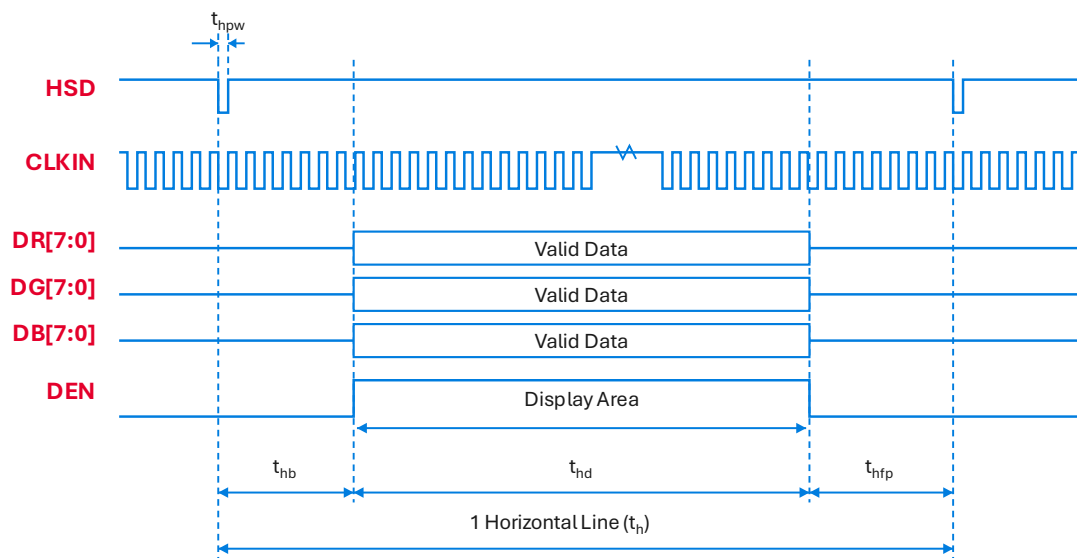
9. Timing Characteristics

9.1 RGB Input Timing Table

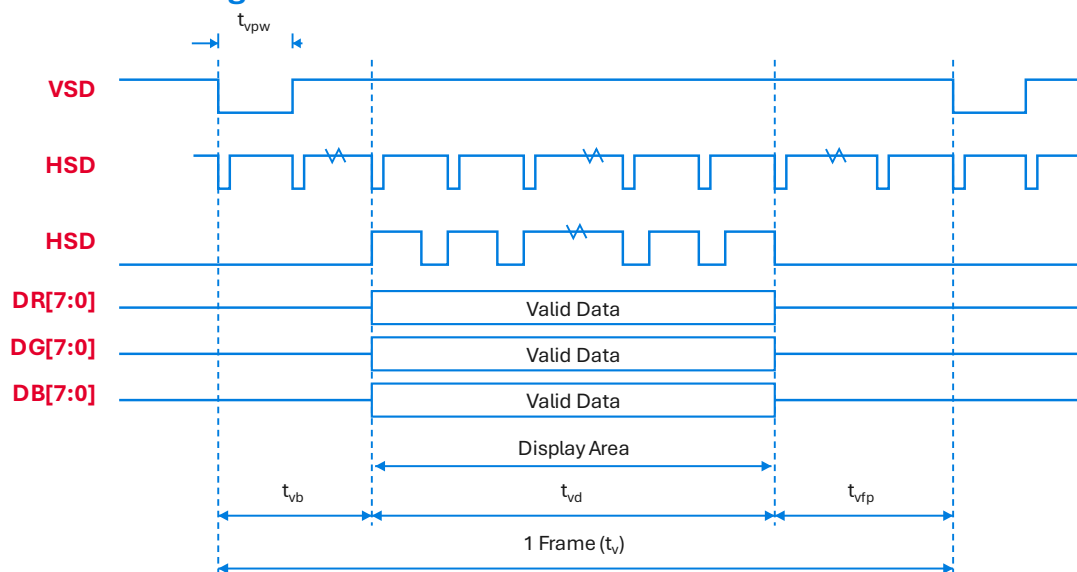
24-bit parallel RGB Input Timing	Symbol	1024RGBx600			Unit
		Min.	Typ.	Max.	
DCLK Frequency	-	41.4	51.2	67.2	MHZ
Horizontal Total	t _{ht}	1114	1344	1400	DCLK
Hsync Pulse width	t _{hs}	1	24	HBP-1	DCLK
Horizontal Back Porch	t _{hb}	60	160	160	DCLK
Horizontal Valid Data	t _{hd}	1024			DCLK
Horizontal Front Porch	t _{hfp}	30	160	216	DCLK
Vertical Total	t _{vt}	620	635	800	THT
Vsync Pulse Width	t _{vs}	1	2	VBP-1	THT
Vertical Back Porch	t _{vb}	8	23	100	THT
Vertical Valid Data	t _{vd}	600			THT
Vertical Front Porch	t _{vfp}	12	12	100	THT

9.2 RGB Input Timing Diagram

● Horizontal timing



● Vertical timing

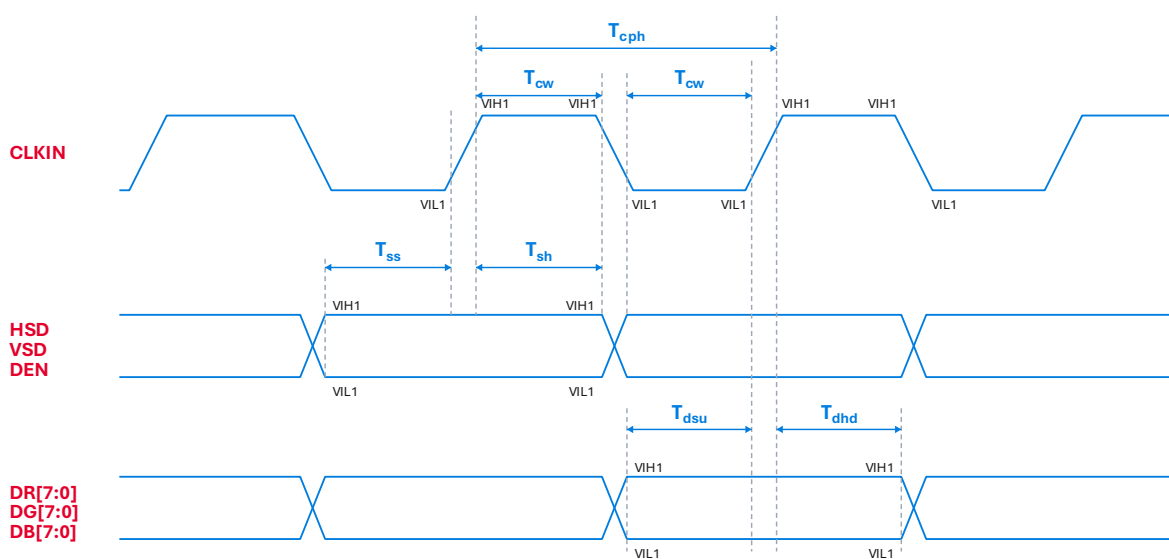


24-bit parallel RGB mode horizontal/vertical input timing

9.3 RGB AC Characteristics

Input data / sync parameters

Parameter	Symbol	Spec.			Unit
		Min.	Typ.	Max.	
CLKIN period	T_{cph}	14	-	-	ns
CLKIN duty ratio	T_{cw}	40	50	60	%
Data setup time	T_{dsu}	5	-	-	ns
Data hold time	T_{dhd}	5	-	-	ns
VSD setup time	T_{ss}	5	-	-	ns
VSD hold time	T_{sh}	5	-	-	ns
HSD setup time	T_{ss}	5	-	-	ns
HSD hold time	T_{sh}	5	-	-	ns
DEN setup time	T_{ss}	5	-	-	ns
DEN hold time	T_{sh}	5	-	-	ns



Input signal timing

10. Quality Assurance

10.1 Purpose

This Quality Assurance standard ensures the quality of LCD module products supplied to the customer.

10.2 Standard for Quality Test

10.2.1 Sampling Plan:

GB/T2828.1-2012

Single sampling, general inspection level II

10.2.2 Sampling Criteria:

Visual inspection: AQL 1.5

Electrical functional: AQL 0.65.

10.2.3 Reliability Test:

For detailed requirements refer to Section 11 Reliability Specification.

10.3 Agreement Items

The following situations shall be negotiated with the customer:

10.3.1 Any discrepancy in the standard of quality assurance.

10.3.2 Additional requirements to be added to the product specification.

10.3.3 Any other special problem.

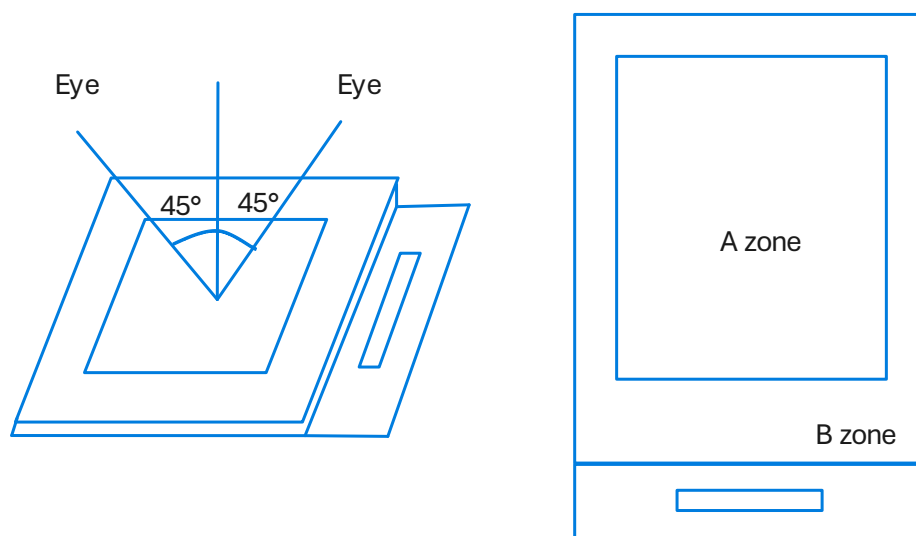
10.4 Standard of the Product Visual Inspection

10.4.1 Appearance inspection:

10.4.1.1 The inspection must be carried out under an illumination of about 1000 – 1500 lx, and the viewing distance must be 30 cm ± 2 cm.

10.4.1.2 The viewing angle should be 45° from the vertical line without reflected light, or follow the customer's viewing angle specifications.

10.4.1.3 Definition of area: A Zone: Active Area, B Zone: Viewing Area.

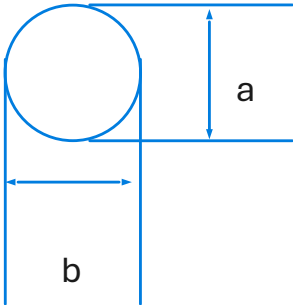


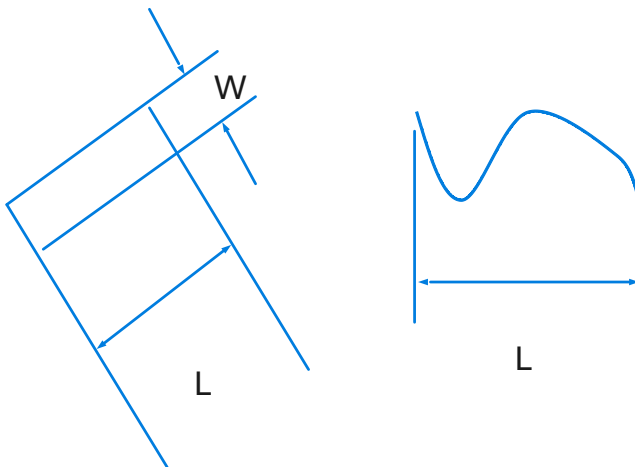
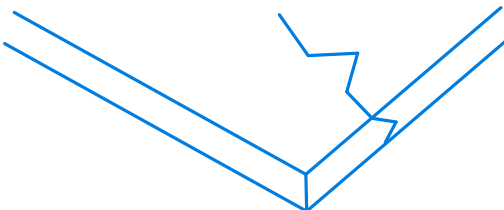
10.4.2 Basic principle:

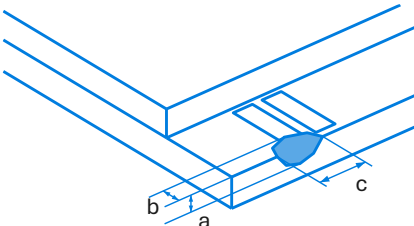
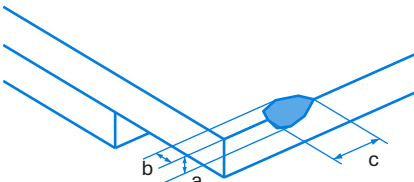
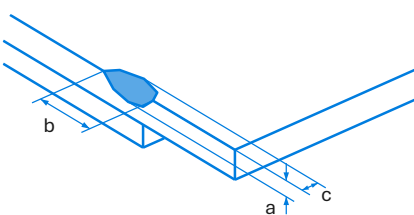
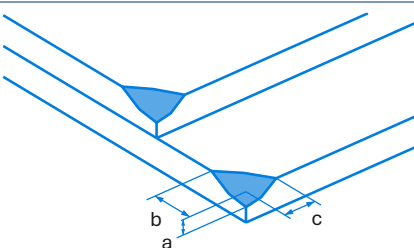
10.4.2.1 A set of samples to indicate the limit of acceptable quality level must be discussed by both us and the customer when a dispute occurs.

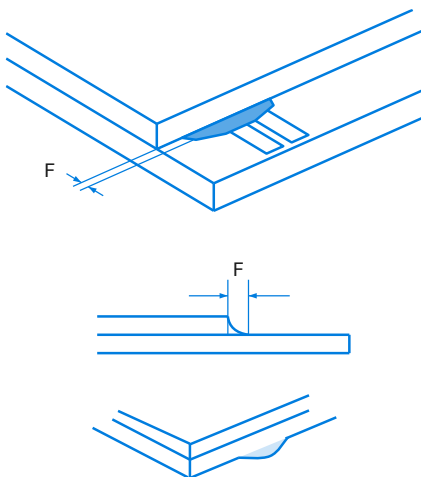
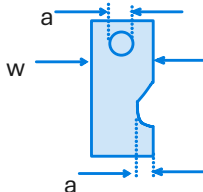
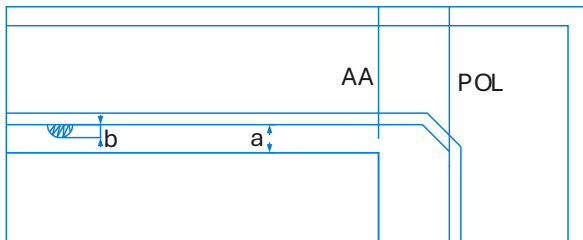
10.4.2.2 New items must be added when necessary.

10.5 Inspection Specification

No.	Item	Criteria (Unit: mm)									
01	Black / White spot Foreign material (Round type) Pinholes Stain Particles inside cell. (Minor defect)		<table><tr><th>Size \ Area</th><th>Acc. Qty</th></tr><tr><td>$\phi \leq 0.20$</td><td>Ignore</td></tr><tr><td>$0.20 < \phi \leq 0.50$</td><td>$N \leq 3$</td></tr><tr><td>$0.50 < \phi$</td><td>0</td></tr></table>	Size \ Area	Acc. Qty	$\phi \leq 0.20$	Ignore	$0.20 < \phi \leq 0.50$	$N \leq 3$	$0.50 < \phi$	0
			Size \ Area	Acc. Qty							
			$\phi \leq 0.20$	Ignore							
			$0.20 < \phi \leq 0.50$	$N \leq 3$							
$0.50 < \phi$	0										
$\phi = (a + b) / 2$ The distance between 2 defects should be more than 5 mm.											

No.	Item	Criteria (Unit: mm)				
02	Electrical Defect (Major defect)	Bright dot	Display Area	Total	Note 1	
			$N \leq 2$	$N \leq 2$		
		Dark dot	$N \leq 4$	$N \leq 4$		
		Total dot	$N \leq 4$	$N \leq 4$		
		Mura	Not visible through 5% ND filters.		Note 2	
Remark: 1. A bright dot caused by a scratch or a foreign object is judged according to item 01.						
03	Black and White line Scratch Foreign material (Line type) (Minor defect)					
		Length	Width	Acc. Qty		
		/	$W \leq 0.1$	Ignore		
		$L \leq 2.5$	$0.1 < W \leq 0.2$	3		
		$L > 2.5$	$0.2 < W$	0		
Total		3				
The distance between 2 defects should be more than 3 mm. Scratches not viewable through the back of the display are acceptable.						
04	Glass Crack (Major defect)	 Cracks of any type are not allowed, as a crack may enlarge.				

No.	Item	Criteria (Unit: mm)										
05	Glass Chipping Pad Area: (Minor defect)	 <table><tr><th>Length and Width</th><th>Acc. Qty</th></tr><tr><td>$c > 3.0, b < 1.0$</td><td>1</td></tr><tr><td>$c < 3.0, b < 1.0$</td><td>3</td></tr><tr><td colspan="2">$a < \text{Glass Thickness}$</td></tr></table>	Length and Width	Acc. Qty	$c > 3.0, b < 1.0$	1	$c < 3.0, b < 1.0$	3	$a < \text{Glass Thickness}$			
Length and Width	Acc. Qty											
$c > 3.0, b < 1.0$	1											
$c < 3.0, b < 1.0$	3											
$a < \text{Glass Thickness}$												
06	Glass Chipping Rear of Pad Area: (Minor defect)	 <table><tr><th>Length and Width</th><th>Acc. Qty</th></tr><tr><td>$c > 3.0, b < 1.0$</td><td>1</td></tr><tr><td>$c < 3.0, b < 1.0$</td><td>2</td></tr><tr><td>$c < 3.0, b < 0.5$</td><td>4</td></tr><tr><td colspan="2">$a < \text{Glass Thickness}$</td></tr></table>	Length and Width	Acc. Qty	$c > 3.0, b < 1.0$	1	$c < 3.0, b < 1.0$	2	$c < 3.0, b < 0.5$	4	$a < \text{Glass Thickness}$	
Length and Width	Acc. Qty											
$c > 3.0, b < 1.0$	1											
$c < 3.0, b < 1.0$	2											
$c < 3.0, b < 0.5$	4											
$a < \text{Glass Thickness}$												
07	Glass Chipping Except Pad Area: (Minor defect)	 <table><tr><th>Length and Width</th><th>Acc. Qty</th></tr><tr><td>$c > 3.0, b < 1.0$</td><td>1</td></tr><tr><td>$c < 3.0, b < 1.0$</td><td>2</td></tr><tr><td>$c < 3.0, b < 0.5$</td><td>4</td></tr><tr><td colspan="2">$a < \text{Glass Thickness}$</td></tr></table>	Length and Width	Acc. Qty	$c > 3.0, b < 1.0$	1	$c < 3.0, b < 1.0$	2	$c < 3.0, b < 0.5$	4	$a < \text{Glass Thickness}$	
Length and Width	Acc. Qty											
$c > 3.0, b < 1.0$	1											
$c < 3.0, b < 1.0$	2											
$c < 3.0, b < 0.5$	4											
$a < \text{Glass Thickness}$												
08	Glass Corner Chipping: (Minor defect)	 <table><tr><th>Length and Width</th><th>Acc. Qty</th></tr><tr><td>$c < 3.0, b < 3.0$</td><td>Ignore</td></tr><tr><td colspan="2">$a < \text{Glass Thickness}$</td></tr></table>	Length and Width	Acc. Qty	$c < 3.0, b < 3.0$	Ignore	$a < \text{Glass Thickness}$					
Length and Width	Acc. Qty											
$c < 3.0, b < 3.0$	Ignore											
$a < \text{Glass Thickness}$												

No.	Item	Criteria (Unit: mm)								
09	Glass Burr: (Minor defect)	 <table><thead><tr><th>Length</th><th>Acc. Qty</th></tr></thead><tbody><tr><td>$F < 1.0$</td><td>Ignore</td></tr></tbody></table> Glass burr must not affect assembly and module dimensions.	Length	Acc. Qty	$F < 1.0$	Ignore				
Length	Acc. Qty									
$F < 1.0$	Ignore									
10	FPC Defect: (Minor defect)	 10.1 Dent, pinhole width $a < w / 3$. (w: circuitry width.) 10.2 Open circuit is unacceptable. 10.3 No oxidation, contamination and distortion.								
11	Bubble on Polarizer (Minor defect)	<table><thead><tr><th>Diameter</th><th>Acc. Qty</th></tr></thead><tbody><tr><td>$\phi \leq 0.30$</td><td>Ignore</td></tr><tr><td>$0.30 < \phi \leq 0.50$</td><td>$N \leq 2$</td></tr><tr><td>$0.50 < \phi$</td><td>$N = 0$</td></tr></tbody></table>  $b < 1 / 2a$ Note: In high-temperature and high-humidity experiments, bubbles do not disperse.	Diameter	Acc. Qty	$\phi \leq 0.30$	Ignore	$0.30 < \phi \leq 0.50$	$N \leq 2$	$0.50 < \phi$	$N = 0$
Diameter	Acc. Qty									
$\phi \leq 0.30$	Ignore									
$0.30 < \phi \leq 0.50$	$N \leq 2$									
$0.50 < \phi$	$N = 0$									

No.	Item	Criteria (Unit: mm)	
12	Dent on Polarizer (Minor defect)	Diameter	Acc. Qty
		$\phi \leq 0.25$	Ignore
		$0.25 < \phi \leq 0.50$	$N \leq 4$
		$0.50 < \phi$	None
13	Bezel	13.1 No rust or distortion on the bezel. 13.2 No visible fingerprints, stains or other contamination.	
14	PCB	14.1 No distortion or contamination on PCB terminals. 14.2 All components on the PCB must be the same as documented on the BOM / component layout. 14.3 Follow IPC-A-600F.	
15	Soldering	Follow the IPC-A-610C standard.	
16	Electrical Defect (Major defect)	The following defects must be rejected: 16.1 Missing vertical / horizontal line. 16.2 Abnormal Display. 16.3 No function or no display. 16.4 Current exceeds product specifications. 16.5 LCD viewing angle defect. 16.6 No Backlight. 16.7 Dark Backlight.	

Remark: A broken LCD panel shall be rejected. Defects outside the LCD viewing area are acceptable.

10.6 Classification of Defects

10.6.1 Visual defects (except missing / wrong label) are treated as minor defects, and electrical defects as major defects.

10.6.2 Two minor defects are equal to one major defect in lot sampling inspection.

10.7 Identification / Marking Criteria

Any unit with illegible, wrong, double or missing marking / label shall be rejected.

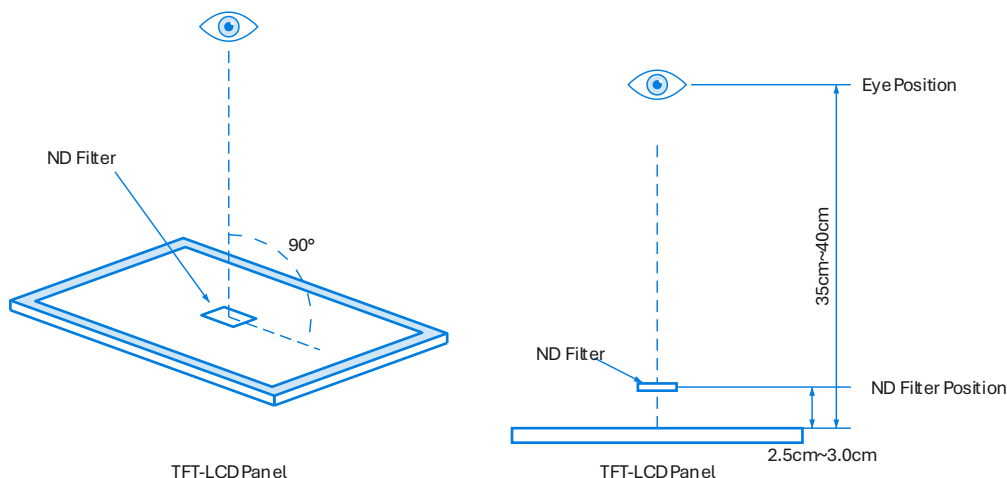
10.8 Packing

10.8.1 There should be no damage to the outer carton box; each packaging box should have one identical label.

10.8.2 Modules inside the package box should have a compliance mark.

10.8.3 All direct package materials shall offer ESD protection.

Note 1: Bright dot is defined as a dot whose defective area is larger than 50% of one sub-pixel area.



Bright dot: a dot-size bright defect on a black display pattern. It can be recognized through a 2% transmittance filter at an eye-to-panel distance of 350 mm $\pm$ 50 mm.

Dark dot: a cyan, magenta or yellow dot-size defect on a white display pattern. It can be recognized through a 5% transmittance filter at an eye-to-panel distance of 350 mm $\pm$ 50 mm.

Note 2: Mura — areas of the display that appear darker / brighter than the surrounding background.

11. Reliability Specification

No.	Item	Condition	Quantity	Criteria
1	High Temperature Operating	70°C, 96Hrs	2	GB/T2423.2-2008
2	Low Temperature Operating	-20°C, 96Hrs	2	GB/T2423.1-2008
3	High Humidity Storage	50°C, 90%RH, 96Hrs	2	GB/T2423.3-2016
4	High Temperature Storage	80°C, 96Hrs	2	GB/T2423.2-2008
5	Low Temperature Storage	-30°C, 96Hrs	2	GB/T2423.1-2008
6	Thermal Cycling Test Storage	-20°C, 60 min ~ 70°C, 60 min, 20 cycles.	2	GB/T2423.22-2012
7	Packing vibration	Frequency range: 10Hz ~ 50Hz Acceleration of gravity: 5G X, Y, Z: 30 min for each direction.	-	GB/T5170.14-2009
8	Electrostatic Discharge	Air: $\pm$ 4kV, 150pF / 330 Ω , 5 times Contact: $\pm$ 2kV, 150pF / 330 Ω , 5 times	2	GB/T17626.2-2018
9	Drop Test (Packaged)	Height: 80 cm, 1 corner, 3 edges, 6 surfaces.	-	GB/T2423.7-2018

Note 1: No cosmetic defects and no loss of operational function are allowed.

Note 2: The total current consumption should be below twice the initial value.

12. Precautions

12.1 Safety

12.1.1 The liquid crystal in the LCD is poisonous. Do not put it in your mouth. If the liquid crystal touches your skin or clothes, wash it off immediately using soap and water.

12.1.2 Since the liquid crystal cells are made of glass, do not subject them to strong impacts. Handle with care.

12.2 Handling

12.2.1 Store and use within ratings in order to keep performance and prevent damage.

12.2.2 Do not wipe the polarizer with a dry cloth, as it might cause scratches. If the surface of the LCD needs to be cleaned, wipe it swiftly with cotton or another soft cloth soaked with IPA or petroleum benzine; do not use other chemicals.

12.3 Storage

12.3.1 Do not store the LCD module beyond the specified temperature ranges.

12.3.2 Strong light exposure causes degradation of the polarizer and color filter.

12.4 Operation

12.4.1 Response time will increase at lower temperatures.

12.4.2 The display may change color at different temperatures.

12.4.3 Mechanical disturbance during operation, such as pressing on the display area, may cause temporary display non-uniformity.

12.4.4 Do not connect or disconnect the LCM to or from the system when power is on.

12.4.5 Never use the LCM under abnormal conditions of high temperature and high humidity.

12.4.6 The module has high-frequency circuits. Sufficient suppression of electromagnetic interference shall be provided by the system manufacturer. Grounding and shielding methods may be important to minimize the interference.

12.4.7 Do not display a fixed pattern for a long time (we recommend no longer than one hour), as it may cause image sticking due to the TFT structure.

12.5 Static Electricity

12.5.1 This unit contains CMOS LSIs, so care must be taken to avoid electrostatic charge, e.g. by grounding the human body.

12.5.2 The normal static prevention measures should be observed for work clothes and benches.

12.5.3 The module should be kept in anti-static bags or other containers resistant to static for storage.

13. Legal Information

CE Marking

CE marking is obligatory only for complete end products. Unisystem display modules are semifinished goods designed to be integrated into finished devices and, therefore, are not CE marked.

Warranty

Unisystem grants a warranty for the proper operation of the goods for a period of 24 months from the date of delivery. If, as a result of a warranty claim, the customer receives a defect-free item as a replacement, the warranty period shall start anew from the moment the replacement is received.

Right to Change Specifications

Unisystem reserves the right to make changes to the product specifications, dimensions, and materials without prior notice in order to improve reliability, function, or design. It is the buyer's responsibility to verify that the datasheet is current before placing an order.

Intellectual Property

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Limitation of Liability

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High-Risk Applications Disclaimer

Unisystem products are not designed, intended, or authorized for use in safety-critical or high-risk applications where failure could directly result in personal injury, death, or severe environmental damage (e.g., life support machines, aerospace navigation, nuclear facilities). Using Unisystem products in such high-risk activities is entirely at the buyer's risk, and the buyer agrees to fully indemnify and hold Unisystem harmless from any damages or claims resulting from such unauthorized use.

14. Contact Information

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