

Product Brief

YZ320MEH10H-V0

2026-01-01

Doc Version 1.0



Issued by : Sam Wu

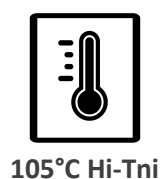
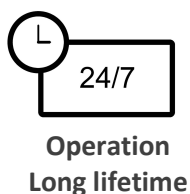
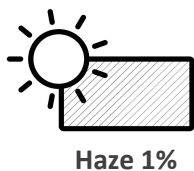
Approved by : Boen Liu

Document History

Doc Version	Date	Description	Issued by
1.0	2026-01-01	Standard model / CD05	Sam Wu

Product Features

- It is one of ultra-bright LCD modules with outdoor usage
- 32 inch 1080P & 1000 nits
- Series: MD & outdoor aluminum structure & landscape / portrait mode
- Suitable for most application scenarios, including commercial displays, industrial use, signage, and exhibitions
- Customized LCD are required to meet the needs of military and medical application scenarios.



General Features

Item content		Specifications
Display Parameters	Resolution	1920(RGB) * 1080(FHD)
	Active area	698.40mm(H) * 392.85mm(V)
	Pixel pitch	0.36375mm(H) * 0.36375mm(V)
	Display colors	8-bit(D) & 16.7 Million
	Backlight type	ELED
	Response time	15ms (G to G) (Typ.)
	Luminance	1000cd/m ² (Typ.) ±5%
	Contrast ratio	1,200 : 1 (Typ.) & 72% (NTSC) (Est.)
	Refresh rate	60Hz (Best)
	Dimming mode	Manual / Automatic & 25% - 100%
	Viewing angle	+89/-89(H) & +89/-89(V) (Typ.) (CR≥10)
	MTBF	50,000 Hours
Touch panel & cover glass	Touch scheme	/
	Touch type	/
	Support points	/
	Transmittance	/
	Function	/
	Thickness	/
	Impact protection	/
	Fitting method	/
Required parameters	Open cell	DV320FHB-R00 & 105°C (Hi-Tni)
	Casing color	White aluminum
	Power supply	/
	Fans	/
	Power consumption	59W (Typ.) ±5%
	Overall dimensions	730.40mm(H) * 425.00mm(V) * 26.90mm(D) (Typ.)
	Weight	5.8kg ±0.2
	Motherboard	/
	Board connectivity	/
	OS	/
	IP rating front/rear	None / None
	TEMP operating/storage	-20°C~70°C / -20°C~70°C
	Humidity	≤90%
	Warranty	24 months

Definition

CN1

Pin No	Symbol	Description	Pin No	Symbol	Description
1	NC	No Connection	21	GND	Ground
2	SDA	I ² C Data	22	CH1[3]-	First pixel negative LVDS differential data input. Pair3
3	SCL	I ² C Clock	23	CH1[3]+	First pixel positive LVDS differential data input. Pair3
4	NC	Not Connected	24	NC	Not Connected
5	NC	Not Connected	25	NC	Not Connected
6	NC	Not Connected	26	NC or GND	Not Connected
7	SELLVDS	High: JEIDA Low or Open: VESA	27	NC	Not Connected
8	NC	Not Connected	28	CH2[0]-	Second pixel negative LVDS differential data input. Pair0
9	NC	Not Connected	29	CH2[0]+	Second pixel positive LVDS differential data input. Pair0
10	NC	Not Connected	30	CH2[1]-	Second pixel negative LVDS differential data input. Pair1
11	GND	Ground	31	CH2[1]+	Second pixel positive LVDS differential data input. Pair1
12	CH1[0]-	First pixel negative LVDS differential data input. Pair0	32	CH2[2]-	Second pixel negative LVDS differential data input. Pair2
13	CH1[0]+	First pixel positive LVDS differential data input. Pair0	33	CH2[2]+	Second pixel positive LVDS differential data input. Pair2
14	CH1[1]-	First pixel negative LVDS differential data input. Pair1	34	GND	Ground
15	CH1[1]+	First pixel positive LVDS differential data input. Pair1	35	CH2CLK-	Second pixel negative LVDS clock
16	CH1[2]-	First pixel negative LVDS differential data input. Pair2	36	CH2CLK+	Second pixel positive LVDS clock
17	CH1[2]+	First pixel positive LVDS differential data input. Pair2	37	GND	Ground
18	GND	Ground	38	CH2[3]-	Second pixel negative LVDS differential data input. Pair3
19	CH1CLK-	First pixel negative LVDS clock	39	CH2[3]+	Second pixel positive LVDS differential data input. Pair3
20	CH1CLK+	First pixel positive LVDS clock			
Pin No	Symbol	Description	Pin No	Symbol	Description
40	NC	Not Connected	46	GND	Ground
41	NC	Not Connected	47	NC	Not Connected
42	NC or GND	Not Connected	48	VCC	Input Voltage +12V
43	NC or GND	Not Connected	49	VCC	Input Voltage +12V
44	NC or GND	Ground	50	VCC	Input Voltage +12V
45	GND	Ground	51	VCC	Input Voltage +12V

CN2 (PH2.0X14)

PIN	Symbol	Description	note
1	VCC	Power supply voltage +24V	
2	VCC	Power supply voltage +24V	
3	VCC	Power supply voltage +24V	
4	VCC	Power supply voltage +24V	
5	VCC	Power supply voltage +24V	
6	GND	Power ground	
7	GND	Power ground	
8	GND	Power ground	
9	GND	Power ground	
10	GND	Power ground	
11	NC		
12	ON/OFF	Output enable signal	
13	DIM	DC Dimming signal	
14	PWM	Dimming signal	

Packing Details

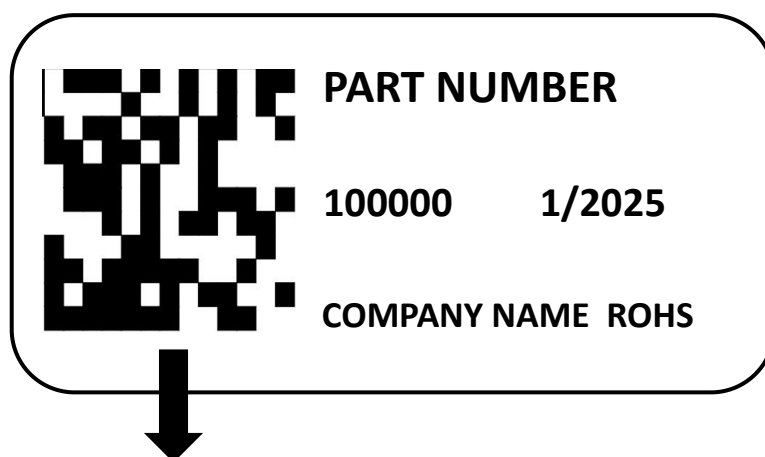
Item content		Specifications
Sample Eco-friendly Wooden	Package dimensions	935.00mm(H) * 715.00mm(V) * 345.00mm(D) (Typ.)
	Packaging quantity	1pcs / 5pcs
	Gross weight	33.5kg / 56.7kg ±5%
25pcs / A Pallet Eco-friendly Corrugated Cardboard Box	Package dimensions	875.00mm(H) * 555.00mm(V) * 1425.00mm(D) (Typ.)
	Packaging quantity	25pcs
	Gross weight	158.5kg
	Pallet dimensions	880.00mm(H) * 120.00mm(V) * 1445.00mm(D) (Typ.)
	Pallet weight	15kg
	Totally dimensions	880.00mm(H) * 675.00mm(V) * 1445.00mm(D) (Typ.)
	Totally weight	173.5kg ±5%
50pcs / A Pallet Eco-friendly Corrugated Cardboard Box	Package dimensions	875.00mm(H) * 1110.00mm(V) * 1425.00mm(D) (Typ.)
	Packaging quantity	50pcs
	Gross weight	317kg
	Pallet dimensions	880.00mm(H) * 120.00mm(V) * 1445.00mm(D) (Typ.)
	Pallet weight	15kg
	Totally dimensions	880.00mm(H) * 1230.00mm(V) * 1445.00mm(D) (Typ.)
	Totally weight	332kg ±5%

More Image

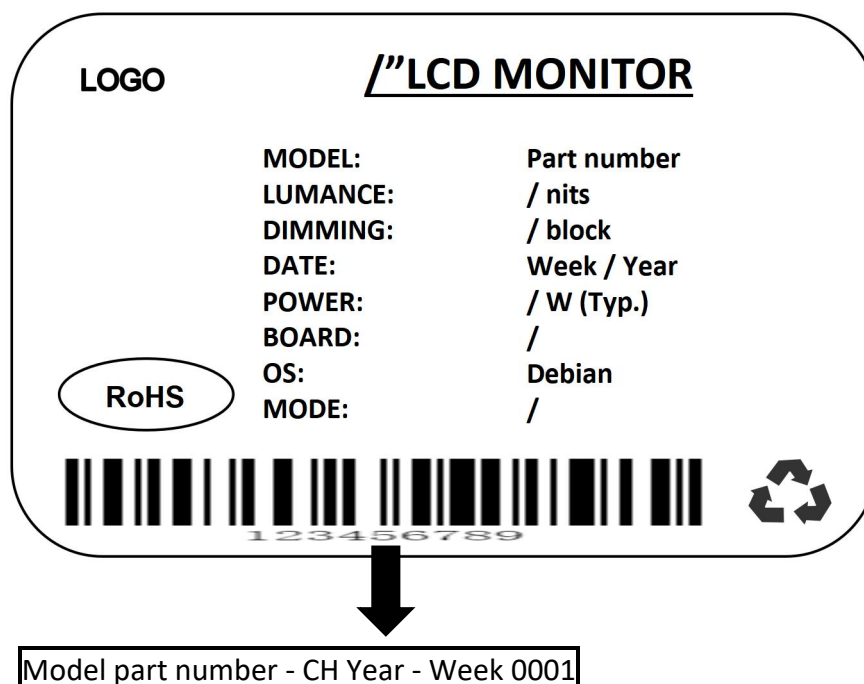


Appendix

Serial Label



Field N°1 12 digits	Field N°2 P/N	Field N°3 EMS code	Field N°4 N°OF
Sxxxx1000001	Part number	CN518115	OF100000



Model part number - CH Year - Week 0001