

Product Brief

YZ320MEH15H-V1

2026-01-01

Doc Version 1.0



Issued by : Sam Wu

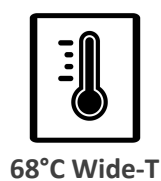
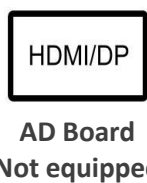
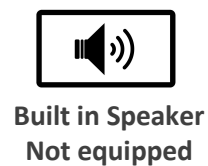
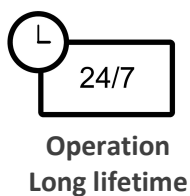
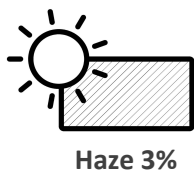
Approved by : Boen Liu

Document History

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

Product Features

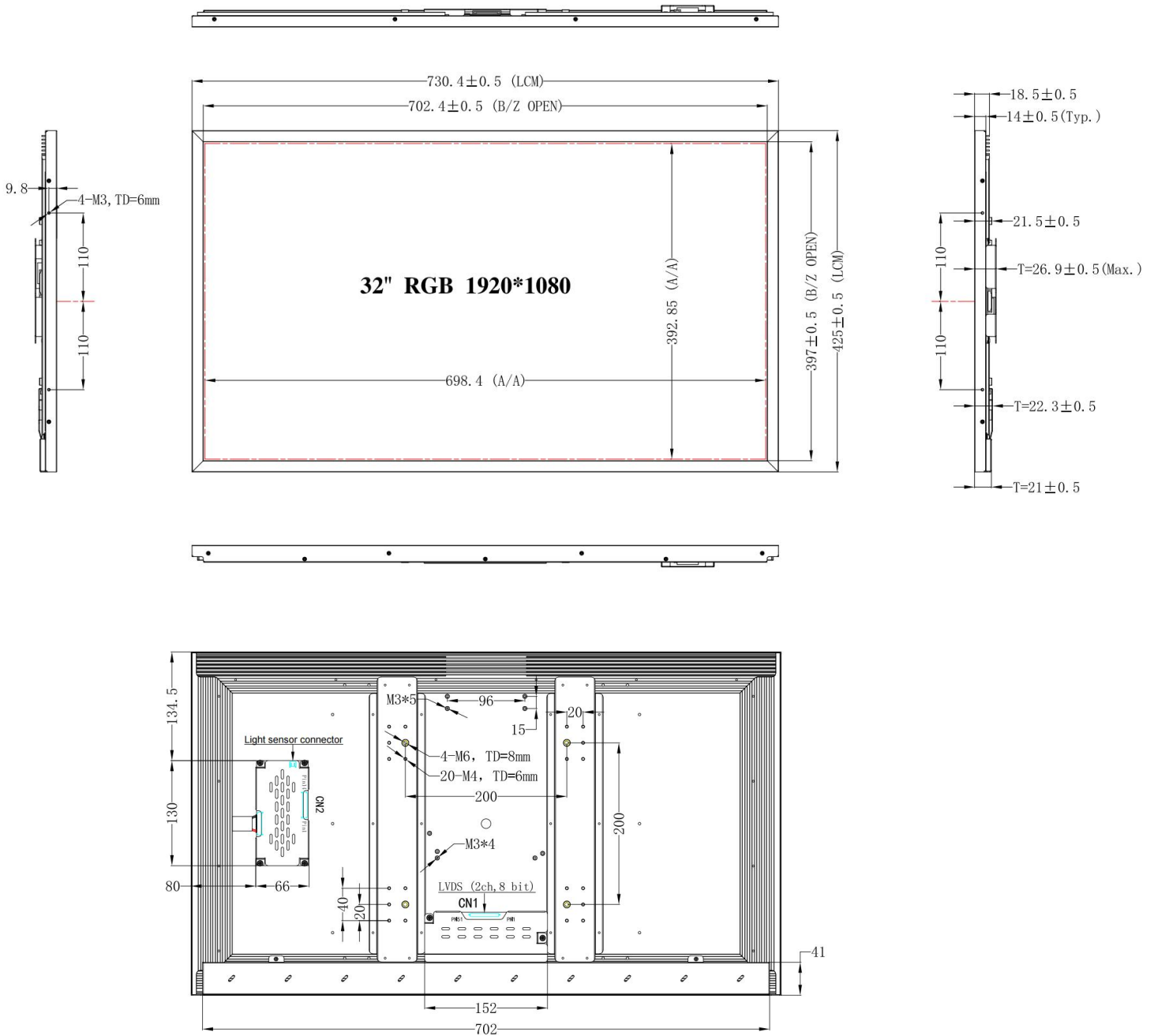
- It is one of ultra-bright LCD modules with outdoor usage
- 32 inch 1080P & 1500 nits
- Series: MD & outdoor aluminum structure & landscape / portrait mode
- Suitable for most application scenarios, including commercial displays, industrial use, signage, and exhibitions
- Customized LCD are required 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	9ms (G to G) (Typ.)
	Luminance	1500cd/m ² (Typ.) ±5%
	Contrast ratio	1,300 : 1 (Typ.) & 65% (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	LD320EUY-SQA3 & 68°C (Surface)
	Casing color	White aluminum
	Power supply	/
	Fans	/
	Power consumption	78W (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	0°C~50°C / -20°C~60°C
	Humidity	≤90%
	Warranty	24 months

Drawing



Definition

Table 3. MODULE CONNECTOR(CN1) PIN CONFIGURATION

No	Symbol	Description	No	Symbol	Description
1	NC	No Connection (Note 4)	27	NC	No connection
2	NC	No Connection (Note 4)	28	R2AN	SECOND LVDS Receiver Signal (A-)
3	NC	No Connection (Note 4)	29	R2AP	SECOND LVDS Receiver Signal (A+)
4	NC	No Connection (Note 4)	30	R2BN	SECOND LVDS Receiver Signal (B-)
5	NC	No Connection (Note 4)	31	R2BP	SECOND LVDS Receiver Signal (B+)
6	NC	No Connection (Note 4)	32	R2CN	SECOND LVDS Receiver Signal (C-)
7	LVDS Select	'H' = JEIDA , 'L' or NC = VESA	33	R2CP	SECOND LVDS Receiver Signal (C+)
8	NC	No Connection (Note 4)	34	GND	Ground
9	NC	No Connection (Note 4)	35	R2CLKN	SECOND LVDS Receiver Clock Signal(-)
10	NC	No Connection (Note 4)	36	R2CLKP	SECOND LVDS Receiver Clock Signal(+)
11	GND	Ground	37	GND	Ground
12	R1AN	FIRST LVDS Receiver Signal (A-)	38	R2DN	SECOND LVDS Receiver Signal (D-)
13	R1AP	FIRST LVDS Receiver Signal (A+)	39	R2DP	SECOND LVDS Receiver Signal (D+)
14	R1BN	FIRST LVDS Receiver Signal (B-)	40	NC	No connection
15	R1BP	FIRST LVDS Receiver Signal (B+)	41	NC	No connection
16	R1CN	FIRST LVDS Receiver Signal (C-)	42	NC or GND	No Connection or Ground
17	R1CP	FIRST LVDS Receiver Signal (C+)	43	NC or GND	No Connection or Ground
18	GND	Ground	44	GND	Ground (Note 5)
19	R1CLKN	FIRST LVDS Receiver Clock Signal(-)	45	GND	Ground
20	R1CLKP	FIRST LVDS Receiver Clock Signal(+)	46	GND	Ground
21	GND	Ground	47	NC	No connection
22	R1DN	FIRST LVDS Receiver Signal (D-)	48	VLCD	Power Supply +12.0V
23	R1DP	FIRST LVDS Receiver Signal (D+)	49	VLCD	Power Supply +12.0V
24	NC	No connection	50	VLCD	Power Supply +12.0V
25	NC	No connection	51	VLCD	Power Supply +12.0V
26	NC or GND	No Connection or Ground	-	-	-

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

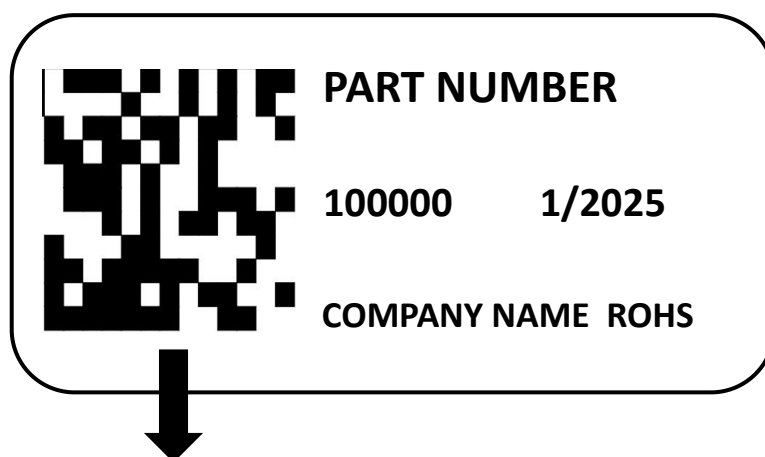
Item content		Specifications
Sample Eco-friendly Wooden	Package dimensions	935.00mm(H) * 715.00mm(V) * 345.00mm(D) (Typ.)
	Packaging quantity	1pcs / 5pcs
	Gross weight	33.5kg / 56.7kg ±5%
25pcs / A Pallet Eco-friendly Corrugated Cardboard Box	Package dimensions	875.00mm(H) * 555.00mm(V) * 1425.00mm(D) (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

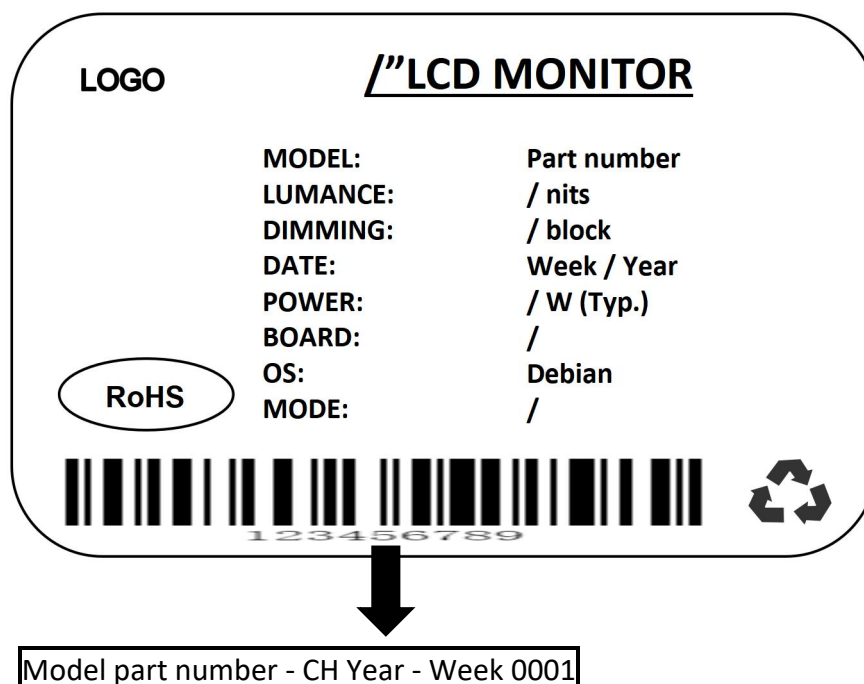


Appendix

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