YZD Solutions

Product Brief

YZ430MEU10H-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

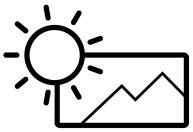
·It is one of ultra-bright LCD modules with outdoor usage

·43 inch 4K & 1000 nits

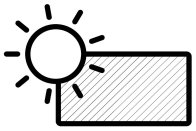
·Series: MD & outdoor aluminum structure & landscape / portrait mode

·Suitable for most application scenarios, including commercial displays, industrial use, signage, and exhibitions

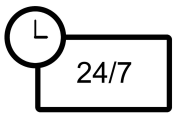
·Customized LCD are required to meet the needs of military and medical application scenarios.



Sunlight readable



Haze 3%



Operation
Long lifetime

Built in Speaker
Not equipped

Multi touch
Not equipped

AD Board
Not equipped

68°C Wide - T

4H

IP65
Not support

Mini-Led 30% - 50%
Energy savings
Not support

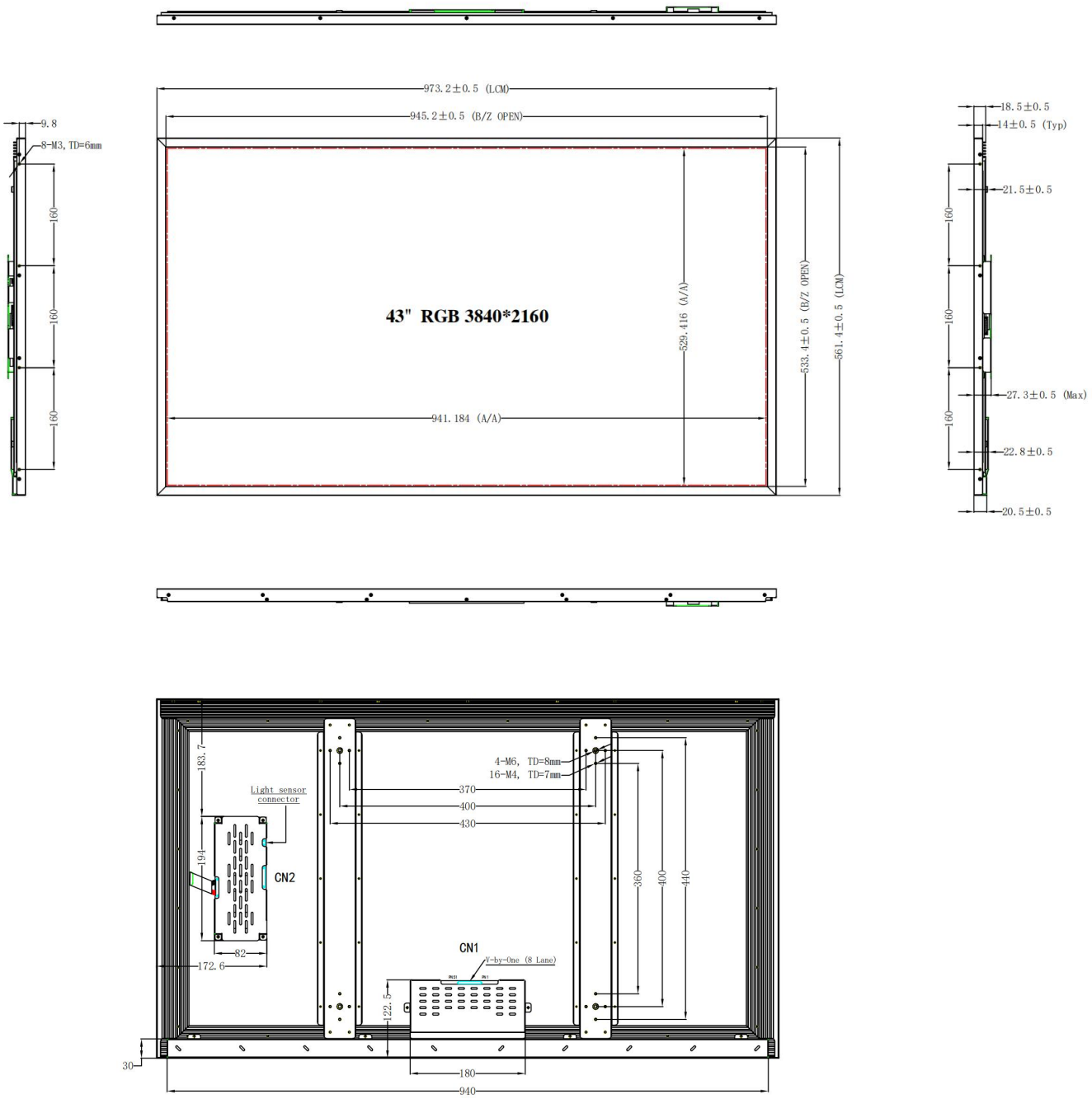
© 2026 YZD Solutions

General Features

Item content		Specifications
Display Parameters	Resolution	3840(RGB) * 2160(FHD)
	Active area	941.184mm(H) * 529.416mm(V)
	Pixel pitch	0.2451mm(H) * 0.2451mm(V)
	Display colors	10-bit(D) & 1.07 Billion
	Backlight type	ELED
	Response time	9ms (G to G) (Typ.)
	Luminance	1000cd/m² (Typ.) ±5%
	Contrast ratio	1,000 : 1 (Typ.) & 68% (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	LD430EQQ-SNN1 & 68°C (Surface)
	Casing color	White aluminum
	Power supply	/
	Fans	/
	Power consumption	130W (Typ.) ±5%
	Overall dimensions	973.20mm(H) * 561.40mm(V) * 27.30mm(D) (Typ.)
	Weight	9kg ±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

© 2026 YZD Solutions

Drawing



© 2026 YZD Solutions

Definition

CN1

No	Symbol	Description	No	Symbol	Description
1	VLCD	Power Supply +12V	27	GND	Ground
2	VLCD	Power Supply +12V	28	Rx0n	V-by-One HS Data Lane 0
3	VLCD	Power Supply +12V	29	Rx0p	V-by-One HS Data Lane 0
4	VLCD	Power Supply +12V	30	GND	Ground
5	VLCD	Power Supply +12V	31	Rx1n	V-by-One HS Data Lane 1
6	VLCD	Power Supply +12V	32	Rx1p	V-by-One HS Data Lane 1
7	VLCD	Power Supply +12V	33	GND	Ground
8	VLCD	Power Supply +12V	34	Rx2n	V-by-One HS Data Lane 2
9	NC	No Connection	35	Rx2p	V-by-One HS Data Lane 2
10	GND	Ground	36	GND	Ground
11	GND	Ground	37	Rx3n	V-by-One HS Data Lane 3
12	GND	Ground	38	Rx3p	V-by-One HS Data Lane 3
13	GND	Ground	39	GND	Ground
14	NC	No Connection	40	Rx4n	V-by-One HS Data Lane 4
15	NC	No Connection	41	Rx4p	V-by-One HS Data Lane 4
16	NC	No Connection	42	GND	Ground
17	Input Mode	Vx1 Input Data Format 'L' or 'NC': Non-Division, 'H': 2-Division	43	Rx5n	V-by-One HS Data Lane 5
18	SDA	SDA (For I2C)	44	Rx5p	V-by-One HS Data Lane 5
19	SCL	SCL (For I2C)	45	GND	Ground
20	NC	No Connection	46	Rx6n	V-by-One HS Data Lane 6
21	NC(Bit_SEL)	NC (10bit Fixed)	47	Rx6p	V-by-One HS Data Lane 6
22	NC	No Connection	48	GND	Ground
23	NC(AGP)	NC (NSB Fixed)	49	Rx7n	V-by-One HS Data Lane 7
24	GND	Ground	50	Rx7p	V-by-One HS Data Lane 7
25	HTPDN	Hot plug detect	51	GND	Ground
26	LOCKN	Lock detect	-	-	-

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	

© 2026 YZD Solutions

Packing Details

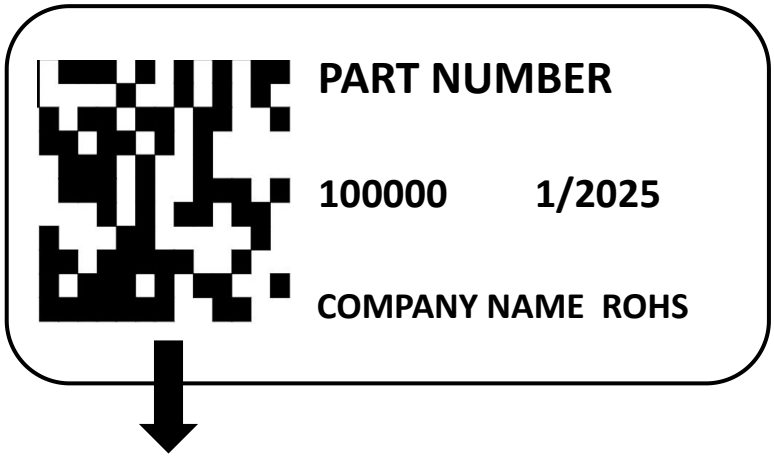
Item content		Specifications
Sample Eco-friendly Wooden	Package dimensions	1150.00mm(H) * 840.00mm(V) * 345.00mm(D) (Typ.)
	Packaging quantity	1pcs / 5pcs
	Gross weight	42.95kg / 78.95kg ±5%
25pcs / A Pallet Eco-friendly Corrugated Cardboard Box	Package dimensions	1090.00mm(H) * 680.00mm(V) * 1425.00mm(D) (Typ.)
	Packaging quantity	25pcs
	Gross weight	244.75kg
	Pallet dimensions	1095.00mm(H) * 120.00mm(V) * 1445.00mm(D) (Typ.)
	Pallet weight	20kg
	Totally dimensions	1095.00mm(H) * 800.00mm(V) * 1445.00mm(D) (Typ.)
	Totally weight	264.75kg ±5%
50pcs / A Pallet Eco-friendly Corrugated Cardboard Box	Package dimensions	1090.00mm(H) * 1360.00mm(V) * 1425.00mm(D) (Typ.)
	Packaging quantity	50pcs
	Gross weight	489.5kg
	Pallet dimensions	1095.00mm(H) * 120.00mm(V) * 1445.00mm(D) (Typ.)
	Pallet weight	20kg
	Totally dimensions	1095.00mm(H) * 1480.00mm(V) * 1445.00mm(D) (Typ.)
	Totally weight	509.5kg ±5%

More Image

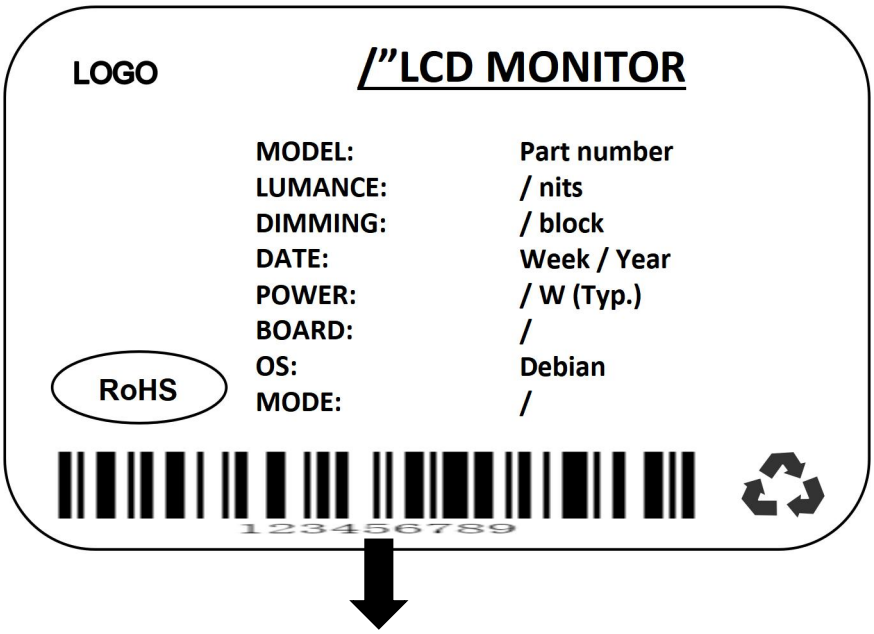
© 2026 YZD Solutions

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

© 2026 YZD Solutions