

E-paper ink screen



WIFI



Battery Operated



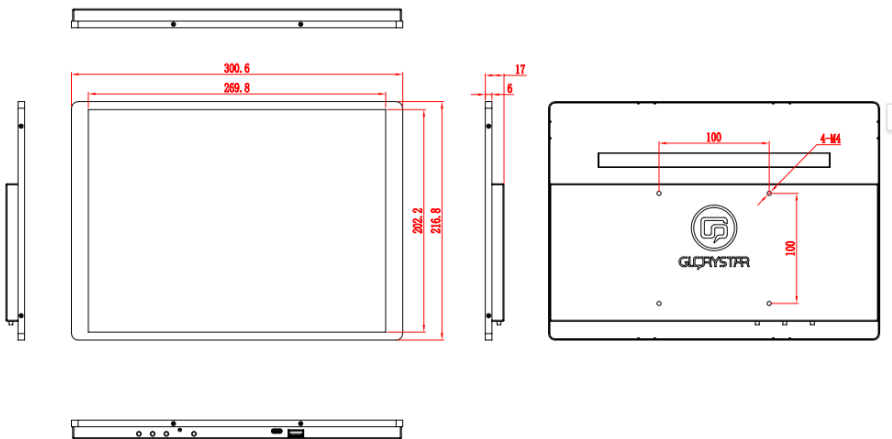
Support Cloud Server

Overview

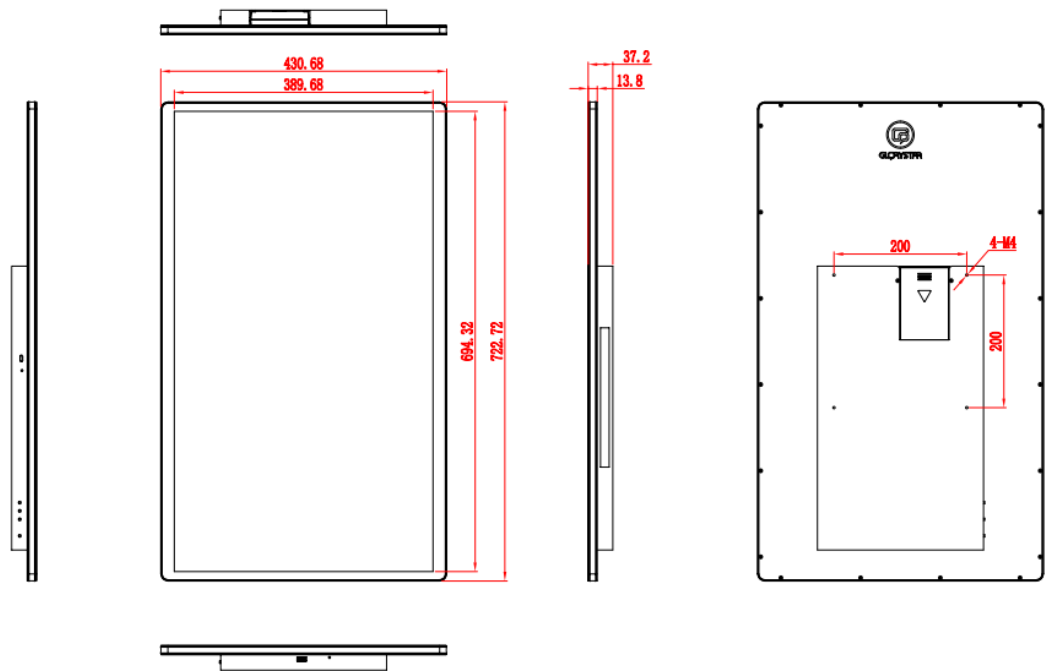
E-paper is a display technology that mimics the effect of traditional paper display, and it is able to keep the image stable without consuming electricity. It is very energy-efficient when displaying still screens. The E-paper offers almost unlimited viewing angles, so you can get a good visual effect from any direction. In addition, the design is relatively thin and light, which is easy to carry.

		AST133	AST253	AST315
Display Size	Size	13.3"	25.3"	31.5"
Module parameters	Display Type	Eink	Eink	Eink
	Quality	Non-glare, Sunlight Readable	Non-glare, Sunlight Readable	Non-glare, Sunlight Readable
	Color	Red, Yellow, Blue, White, Green, Black	Red, Yellow, Blue, White, Green, Black	Red, Yellow, Blue, White, Green, Black
	Resolution	1600*1200	3200*1800	2560*1440
	Aspect Ratio	4:3	16:9	16:9
	DPI	150	150	93
	Display Viewing Area(H*V)(mm)	202.8*270.4mm	560*315mm	696.32*391.68mm
	ViewAngle (H/V)	178°(H)/178°(V)		
System	System	Embedded OS and Star Control enabled	Android 7.1 and Star Control enabled	Embedded OS and Star Control enabled
I/O	USB2 .0	1	2	1
	4G	Optional	Optional	Optional
	WIFI	2.4GHZ WIFI(802 .11 b/g/n)		
	BT	N/A	BT 4.0	N/A
	KEY	POWER , UP , DOWN , RESET	POWER , UP , DOWN , RESET	POWER , UP , DOWN , RESET
Structure	VESA Mount	100*100mm, fixed M4 screws	100*100mm, fixed M4 screws	200*200mm, fixed M4 screws
	Casing Material	Black Metal and Slim Bezels	Black Metal and Slim Bezels	Black Metal and Slim Bezels
Power	Power Adapter	Type-C PD Adapter(Optional)	Type-C PD Adapter(Optional)	Type-C PD Adapter(Optional)
	Battery	3.85V/4000MAH 15.4WH	Removable lithium battery capacity: 50.4W/H 16.8V/3500MAH	Plugged-in Lithium Battery: 50.4W/H 16.8V/3500MAH
	Working Power(Updating)	≤3W	≤5.5W	≤6W
	Standby Power(Non-updating)	≤0.01W	≤0.01W	≤0.01W
	Shutdown Power	≤0.001W	≤0.001W	≤0.001W
Life Cycle	Updating Times	2700times	/	900times
	Battery Life	8 months (5 times per day)	/	6 months (5 times per day)
Update	Update Time	≤15s	≤15s	15s
	Update Method	Star Control Remote MDM/ Update through USB	Star Control Remote MDM/ Update through USB	Star Control Remote MDM/ Update through USB
Mounting	Mounting	VESA 100 for wall or desktop mounting	VESA100 for wall mounting	VESA200 for wall or desktop mounting
Temperature & Humidity	Storage Temperature	-25°C~60°C		
	Working Temperature	0°C~50°C		
	Humidity	30%~90%		
Dimensions	Dimensions (LxWXH)	300.6 x 216.8 x 17mm	TBD	722.72 x 430.68 x 37.2mm
	Gift Box Dimensions	421 x 94 x 340mm	TBD	820 x 580 x 160mm
	Weight	1.8kg	TBD	9.1kg
	Master Box size (LXWXH)	443 x 396 x 374mm	TBD	Same as Gift Box
	Master Box Weight	8.1kg	TBD	Same as Gift Box Weight
	Pieces/ Carton	4pcs	TBD	1pcs
	What's in the Box	E-paper ink screen, Power Adapter, Power Cable		
Carbon Footprint	Lifecycle Stage	Astro 13 (kg CO₂e)	Astro 25.3 (kg CO₂e)	Astro 31.5 (kg CO₂e)
	Material Extraction	32	TBD	160
	Manufacturing	10	TBD	20
	Transportation	2	TBD	8
	Use Phase	0.8	TBD	4.1
	End-of-Life	1	TBD	3
	Total	45.8	TBD	195.1

13.3"



31.5"



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