MAGNETAR
Weatherproof Touch Screen

IP65 Front Glass   **1000 nits brightness**   **Fingerprint & Scratch Resistant**

Overview

The Glory Star Magnetar Weatherproof Touch Screen is IP65 rated, dust and water resistant in the front glass. Equipped with a high brightness screen, fingerprint and scratch resistance surface makes it a true industrial grade solution. It is cost effective for system integrators who require a reliable product for indoor and outdoor applications.

Designed with reliability from the start, Glory Star's Magnetar weatherproof touch screen delivers seamless and accurate touch response with a 6H scratch resistant touch glass, that is enough to withstand demanding applications, making these products very suitable for use in public environments.

	Model	MAG101 Part#CT576	MAG156 Part#CT576	MAG215 Part#CT576
Screen Size	Size	10"	15.6"	21.5"
Panel Info	Resolution	1280x 800	1920 x 1080	1920 x 1080
	Brightness	1000cd/m2		
	Contrast	1300:1	1000:1	5000:1
	Aspect Ratio	16:10	16:9	16:9
	Active Display Area	216.96 x 135.6mm	344.16 x 193.59mm	476.64 x 268.11 mm
	Viewing Angle	85°/85°/85°/85°	89°/89°/89°/89°	89°/89°/89°/89°
	Response time	25ms	25ms	25ms
	Impact Rating	IK07		
Touch Data	Touch Tech	G+G Capacitive Touch 10pt IP65 Rating Optical bonded capacitive touch (touch on water or latex glove) UV Protection		
	Hardness Of Surface	≥ 6H	> 6H	> 6H
	Touch method	Finger touch 、 Capacitive stylus		
	Transparency	≥85%	≥86%	≥86%
	Touch Glass Thickness	2.75mm	2.7mm	2.7mm
	Response Time	10ms	≤35 ms	≤35 ms
	Bonded Panel	Yes		
Hardware & OS	CPU	Quad-core Cortex-A72 up to 2.2GHz, Quad-core Cortex-A53 up to1.8GHz		
	GPU	ARM Mali-G52, touted as 3x faster than the Mali-T860MP4 in the older RK3399		
	NPU	6 TOPS (Trillion Operations Per Second) of processing power		
	RAM	4GB LPDDR4X		
	ROM	32GB EMMC		
	OS	Android 15		
Software	STAROS	License Free Kiosk Mode App and Multi App Mode, Auto Lockdown, Browser and Media Mode		
	STARCONTROL	Remote Mobile Device Management		
	STARTOOL	Tool for developers to control device and Open API		
	Musea	· Digital Signage Software · Remote Creating and Managing Interactive Signage Content Remotely		
Video/ Image	Video Format	H.265, VP8, RV, WMV, AVS, H.263, Mpeg4, Up to 4K decoding, HTML5, Flash 10		
	Audio Format	MP3, WMA, AAC, etc.		
	Image Format	JPEG, BMP, PNG		
Audio	Speaker	2W x2		
Communciation	Bluetooth	BT 5.0		
WIFI	WIFI	802.11 a/b/g/n/ac/ax WiFi6 2.4GHz & 5GHz		
	Ethernet	1 x RJ45, 100/1000 LAN		
General	Color	Metal Outdoor Housing with Black Matte Paint		
	Chasis	IP65 front IPX2 rear		
	I/O	DC IN x 1; Audio out x 1; USB2.0×1; USB3.0×1; TYPE-C OTG×1; TF CARD×1; RJ45×1 ; 1×UART; 2×GPIO; 1×Wiegand; 1×VCC-5V		
	POE	N/A		
	Included in Box	MAGNETAR Tablet, Power Adaptor, Power cable, Adjustable mounting brackets		
	Sensors	1 x Ambient light and Proximity Sensor		
	Operating Environment	-10℃—60℃		
	Language	Multi language		
Power Management	Power supply unit	External	External	External
	Power supply	12V 5A	12V 5A	12V 5A
	Power usage	12.6W typical, 2.8W stand by, 0.3W off mode	TBD	39W typical, 4W stand by, 1W off mode
Sustainability	Regulations	RoHS support		
	REACH SVHC	REACH does not contain SVHC above 0.1%: Lead		
Mounting	VESA	VESA 100		
Dimensions	Dimensions (LxWXH)	278.56×197.2×36.8mm	389.45×238.74×40.8mm	523.7×315.18×41.68mm
	Weight	2.1kg	3.43kg	5.9kg
	Box size / each pc (LxWXH)	396×241×86mm	443 x 115 x 303mm	583 x 115 x 382mm
	Master Box size (LXWXH)	506×410×288mm	464 x 365 x 327mm	604 x 248 x 406mm
	Master Box Weight	15.9kg	13.7kg	13.8kg
	Pieces/ Carton	6pcs	3pcs	2pcs

Accessories

Adjustable mounting brackets	10" Side Bracket X 2 (included in the package) 15.6" - 21.5" Side Bracket X 4 (included in the package)

Mounting Options

Wall Mount	WM015012S
Desk Mount	FIX-027 (Foldable base bracket) (for 15.6"、21.5"models)
	FIX-028 (Adjustable Desk Mount) (for 10"、15.6"models)
	FIX-030 (Foldable base bracket) (for 15.6"、21.5"models)

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