ANDROID OS

Art. EL-1028AIO-T series

ANDROID (non)TOUCH DISPLAYS

AVAILABLE SIZES:
7 - 8 - 10 - 11.6 - 13.3 - 14 - 15.6
18.5 - 21.5 - 24 - 27 - 32 - 43 - 55inch

RETAIL BUSINESS

Android Displays for use in a commercial environment. These displays have a rooted Android operating system and can be used for several solutions to inform and advise people in an attractive way, 24-7.

ONLINE MODELS

Often used in retail displays and built-in ShopDisplays or in Public environments.

TOUCH & PANEL

- 10 points capacitive touch
- Optional: non touch panel
- 10.1" High Resolution Panel 1280x800 pixels
- 24-7 Usage

ANDROID CHIP & OS VERSIONS

- RK3288 with Android OS 8 or 10
- RK3399 with Android OS 9, 10 and 12
- RK3568 with Android OS 11

ADDITIONAL FEATURES:

- PoE: Power over Ethernet (8 to 21.5inch)
- NFC & RFID (optional)
- Triggering: pushbuttons, sensors
- LED light: external lightstrips

Note:
There is no signage software installed, please provide your own software or we can provide dedicated signage software.

ANDROID ROOTED

All our models have Rooted Android. The OS system can be adjusted according your needs.

YOUR SOFTWARE

We can pre-install your software apps on the Android OS. We can also make your OS image custommade, with your startup logo.

✓ Easy hangup system at backside (VESA Screw holes plate)

✓ AutoStart by plug in power adapter

✓ WIFI and LAN for internet connection (optional SIM USB dongle)

Certifications: CE FC RoHS

SOFTWARE OPTIONS

ADD: YOUR SOFTWARE

We can pre-install your software apps on the Android OS. We can also make your OS image custommade, with your startup logo.

ADD: SIGNAGE SOFTWARE

We can provide software apps on the Android OS.
Find some suggestions below:

KIOWARE: Lockdown your website or your app (kiosk mode)

FULLY VIDEO: AutoStart App loop video from USB & Internal Memory

FULLY WEBSITE: Lockdown your website in full screen mode

iCHANNEL: Remote controlled pushed presentations with web-based control system (CMS). Create in the CMS presentations and schedule them, online.

ROOM & DESK SHARING: Roombooking and Desk Sharing software

Optional: add external Triggers & Sensors for Video Acti-

Customized Android displays to connect triggers for video & volume activation:

- Metal or plastic pushbuttons with lightring and symbol
- Touchless sensor buttons (wave your hand above the sensor)
- RFID Sensors for "Lift and Learn"
- RFID Sensors for scanning a product with RFID sticker
- Motion detection sensors
- Light Sensors detection area

Optional: add (Interactive) LED Light strips and panels
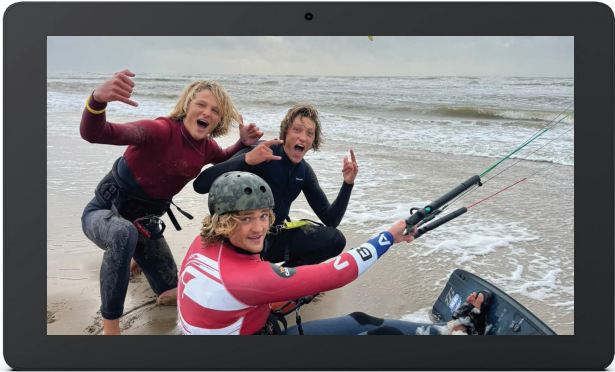
Customized Android displays to connect LED lightning:

- LED strips or LED Panel Light up your product
- Light up a product during an activated video
- Light up a brand logo in a retail display
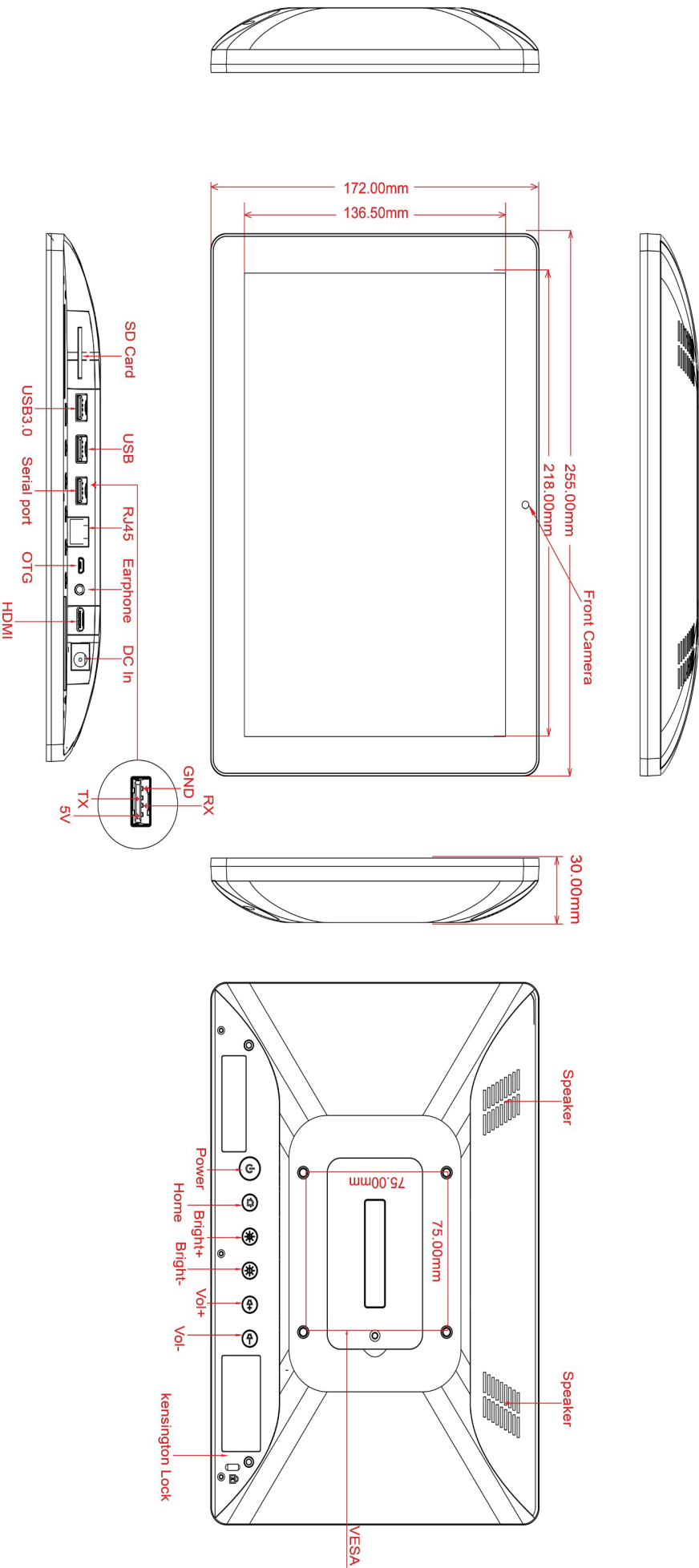- Different colors available

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SPECIFICATIONS:

System	CPU	RK3568 Quad core cortex A55
	RAM	2GB Optional 4GB
	Internal memory	16GB Optional 32GB/64G
	Operation system	Android 11
	Touch screen	10-Point capacitive touch
Display	Panel	10.1"LCD panel
	Resolution	1280*800
	Display mode	Normally black
	Viewing angle	85/85/85/85(L/R/U/D)
	Contrast ratio	800
	Luminance	250cd/m2
	Aspect Ratio	16:10
Network	WiFi	802.11 b/g/n
	Ethernet	100M/1000M ethernet
	Buletooth	Bluetooth 4.0
Interface	Card slot	SD card,Max Support to 64GB
	USB	USB 2.0 host
	USB	USB 3.0 host
	USB	USB for serial (TTL Level)
	Micro USB	Micro USB OTG
	HDMI	HDMI output
	RJ45	Ethernet interface（POE function Standard IEEE802.3at,POE+,class 4， 25.5W ）
	Power jack	DC power input
	Earphone	3.5mm earphone out with micphone in
Media play	Video format	MPEG-1,MPEG-2,MPEG-4,H.265,H.264,VC-1,VP8,VP9, etc.,support up to 4K
	Audio format	MP3/WMA/AAC etc.
	Photo	jpeg/png
Other	Battery	Optional 5000mAh
	VESA	75x75mm
	Speaker	2*2W
	Camera	Routine angle 5.0MP
	Microphone	Single micphone
	Language	Multi-language
Accessories	Adapter	Adapter,12V/1.5A
	User manual	yes

Product Measurement, mm

Unit (Without packaging)			Giftbox (With Packaging)			Carton 5pcs/CTN		
L	W	H	L	W	H	L	W	H
Net(kg)	kg		Net(kg)	kg		Net	KG	
						G.W		

ANDROID OS

DRAWING:

SD Card

USB3.0

USB

Serial port

RJ45

OTG

Earphone

HDMI

DC In

GND

RX

TX

5V

172.00mm

136.50mm

255.00mm

218.00mm

Front Camera

30.00mm

Speaker

Power

Home

Bright+

Bright-

Vol+

Vol-

75.00mm

75.00mm

Speaker

kensington Lock

VESA

OTHER MODEL TYPES

OPEN FRAME

NARROW BEZEL

STRETCHED LCD

DESK SHAPE

ROOM BOOKING
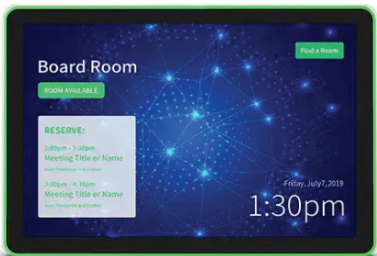
HEALTH CARE

FLOOR KIOSK

HANGING LCD