

# APPC-10S

(R25-7021)

Android Panel PC



#### **Product Overview**

The ProDVX APPC-10S is a high-performance 10.1" Android Panel PC designed to deliver seamless integration for any applications and versatile functionality across industries. Powered by the RockChip RK3568 Quad-core processor with Android 13, it offers exceptional speed, reliability, and compatibility. Its direct-bonded IPS touchscreen with 1280x800 resolution ensures crisp visuals and responsive touch, while features like PoE+, fanless cooling, and extensive connectivity options (USB, mini-HDMI, LAN) make it ideal for retail, hospitality, healthcare, and industrial use. Built for 24/7 operation with a proven MTBF of 50,000 hours, this compact yet durable device is customizable with VESA-compatible accessories to meet the unique demands of any application.



Powerful Performance: Quad-core Cortex-A55 CPU (RockChip RK3568) with Mali-G52 GPU, delivering up to 2.0GHz processing speed for smooth operation



Versatile Connectivity: Features 802.1X authentication, Power over Ethernet (PoE) support, and optional Bluetooth & WiFi via USB dongle



Crystal-Clear Display: Direct Bonded 10.1-inch screen with 1280x800 resolution, 450 cd/m<sup>2</sup> brightness, and 1000:1 contrast ratio, enhanced by an edge-LED backlight for vibrant visuals.



ProDVX Design: Fanless cooling system, ABS+PC (Macrolon) housing, and >6H hardness cover glass for durability in various environments

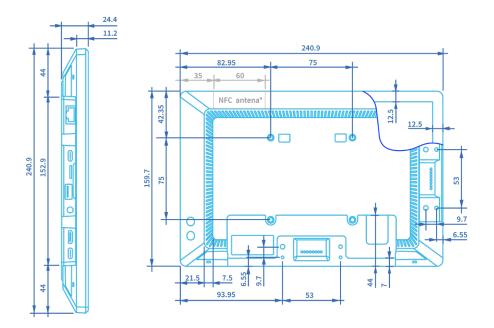


Flexible Mounting Options: VESA 75 mount compatibility, supporting landscape, portrait, and flushmount orientations for versatile installation

### **APPC-10S (R25-7021)**

Article code: 5010710

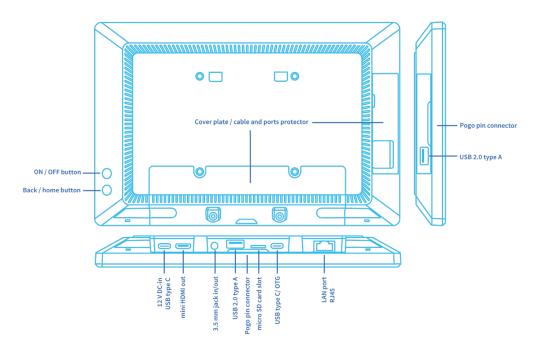
# **Technical Drawing**



#### Sustainability

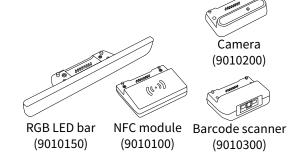
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the way in conducting responsible business in the digital signage hardware industry.

### I/O Overview



### **Optional Accessories**

GM-75\_(8080850) VESA 75 compatible glass mount TS-10\_(8085100) VESA 75 compatible table stand DS-10\_(8010100) VESA 75/100 compatible desk stand



<sup>\*</sup> Compatible with all ProDVX VESA 75 stands, mounts & brackets.

#### **APPC-10S (R25-7021)**

Article code: 5010710

### **Product Specifications**

#### **Performance**

CPU model RockChip RK3568
CPU type Quad-core Cortex-A55
CPU speed A55 - up to 2.0GHz

GPU type Mali-G52 GPU speed up to 950MHz

RAM 4GB
RAM type LPDDR4
Storage 16GB
Storage type eMMC
External storage SD-Card Slot
Operating System Android 13

#### **Panel**

LCD 1280x800xRGB@60Hz
Type Direct bonded TFT LCD IPS

 Size
 10.1

 Contrast
 1000 to 1

 Viewing Angle
 H160 / V160

**Colours** 8 bit LVDS (16.7M) 72%NTSC CIE1931

Response time 25 m

**Backlight** Edge-LED backlight

BLU450 cd/m2Cover glass>6H - 1.55 mmTreatmentNon-glareHaze $2 \sim 8\%$ 

**Touch type** 10 TP Pcap 10ms

#### **Frame**

**Size** 240,9 x 159,7 x 24,4 mm

Weight 600 g

Material ABS+PC (Macrolon)

VESA VESA 75
Color Black

#### Certification:

UKCA.CE.FCC.RoHS.REACH

#### **Special**

PoE | IEEE 802.3at (PoE+)

IEEE 802.1x LAN & WiFi, PEAP/TLS/TTLS
Cooling Fanless

HDMI-in N.A.
HDMI-out Yes, mi

HDMI-outYes, mini-HDMI outWiFioptional via USB dongleBluetoothoptional via USB dongleLAN10/100/1000 Mbps LAN

Audio internal 2 x 2 W

Audio external 3.5mm jack in/out

Microphone Yes

USB ports 1x USB 2.0 type A
OTG 1x USB 3.0 type C

Other ports 1x USB 2.0 type A (door)
PoGo slots 2x (bottom/left)

NFC via PoGo & USB
Camera via PoGo & USB
Barcode scan via PoGo & USB
LED via PoGo

Operating hrs 24h / 7d

MTBF 50,000 hours demonstrated

Clock batt. CR1220 Lithium metal, non rechargeable

Alternative OS N

Power input 12 V / 2 A (EU, UK, US)
Operating temp 0 ~ 40 degrees C
Storage temp -10~55 degrees C

**Humidity** 10 ~ 90 % non-condensing

Warranty 3 years

Orientation Landscape, Portrait, Flushmount

SIM card slot N.A.

Power usage 10 ~ 23 Watt
OSD language Multi OSD language

Motion sensor N.

## Multimedia support

Image formatJPG,JPEG,PNG,BMP,GIFAudio formatAAC,ASF,MP2,OGG,WAV,WMAVideo formatH.264,MP4,MPG,MPEG2,MPEG4