KA-1000 APoE+ 10” All-in-One Android Stainless Steel Touch PoE+

Spec Sheet

Document Details

Version Release Date: August 2026

Overview

This document provides the manufacturer’s specifications and technical details for the KA-1000 APoE+.

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ANDROID PoE PCAP TOUCHSCREEN SKU: KA-10PCAPAIO6

KA-1000 APoE+ 10″ ALL-IN-ONE ANDROID STAINLESS STEEL TOUCH PoE+

Designed to handle the harsh environment of a restaurant kitchen, the KA-1000 APoE+ can dramatically improve sustainable kitchen operations.

Product Description:

This commercial grade appliance reduces the expense and complexity of installing kitchen systems all while improving station performance, efficiency, staff effectiveness and sanitary & safety requirements.

The 10" PCAP touch screen, along with its surface real-estate, provides flexibility to customize screen design and functionality for enhancing performance. Thus, reducing touches and improving ticket times.

Power over ethernet (PoE) eliminates the need and expense of electrical outlets at each station, as well as, power supplies and cable management requirements that typically accompany other KDS hardware solutions. This will reduce points of failure, which then makes it easy to trouble shoot and provides the ability to easily support & service.

It's commercial grade stainless-steel enclosure and hardened glass helps meet HACCP standards in your kitchen environment, as well as extending your product life and investment value.

Warranty Information: All Kitchen Armor Screens come with an automatic 3 year warranty, extendable up to 5 years upon purchase. Contact us for details on warranty at info@kitchenarmor.com.

Features

- Ergonomically Designed
- Commercial Grade Stainless-Steel
- Commercial Grade PCAP Touch Screen
- Power Over Ethernet (PoE+)
- Android Operating System

Benefits

- Easy to clean and sterilize
- Extended product life
- Reduce Failures
- Reduce installation & support cost
- Excellent optical performance
- Improved station performance
- 3-year warranty, extendable up to 5 years

KA-1000 APoE+ 10” ALL-IN-ONE ANDROID STAINLESS STEEL PoE+

Item	Specifications
Product	KA-10PCAPAIO6
Exposure/Finish	304 Stainless Steel/ No. 4 Brushed
Touch Technology	PCAP
Dimensions	10.97" x 7.77" x 1.38"/278.8 x 197.3 x 35.05 mm
Active Display Area	8.54"x 5.34"/216.96(W)×135.6(H) mm
Diagonal Aspect Ratio	10.1",16:10
Mounting options	75mm VESA Mount
Resolution	1280x800 at 60Hz
Contrast Ratio, Brightness (TYP)	800:1, 350 nits
Viewing Angle (TYP)	Horizontal: 85 or 170 total: Vertical: 85 or 170 total
Touch capacity, Accuracy	10-touch, 4mm
Touch Resolution	4096x4096
Input Method	Finger, Touch Pen, Gloved Hand
Touch Screen Material	2.0mm Strengthened Glass, Optically Bonded
Surface Durability	Mohs' 7H
Weight	4.52lbs / 2.05 kgs
Packing Weight	6.61lbs/ 3 kgs
Packing Dimensions	13.39"x11.81"x6.69"/340 mm x 300 mm x 170 mm
Light Transmission	86%
CPU	Rockchip RK 3588, 2.4GHz, Quad Core Cortex-A76 + Quad Core Cortex A55
ROM	64GB
RAM	8GB
OS	Android 12, Android 15.0 future
WIFI	2.4GHz/5GHz (internal antenna)
Bluetooth	5(internal antenna)
LAN	Ethernet 1xRJ45 (1000/100/10 Mbps)
I/O	PoE Ethernet RJ45 x 1/USB 2.0 x 2/USB 3.0 x 1/type-C x 1/HDMI out x 1/DC power x 1/Earphone x 1
Power supply	PoE+/External 12V DC Power Adapter
PoE+ Power Requirements	Switch must meet 802.3at (PoE+) 30 Watts, Minimum Cat 5e Cable, Disable LLDP 24AWG
Lighted Power switch	Power with LED light: Blue Light
Speaker	3 Watts
IP Rating	IP 65: front touch panel with frame
Temperature	Operating:0°C to 45°C (32°F to 113°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating: 20% to 80%; Storage: 10% to 90%
MTBF	50.000 Hours/50.000.000 Touches