



# KA229 TOUCH SCREEN WALL PLATE CONTROL 4U - KAMEHA



## Introduction

The programmable touch screen control panel is designed to be utilized in the sectors of automated office system, multi-media room and smart home. With a programmable interactive user interface over configuration protocols, the integrated system provides intelligent networking service. The control panel wall-plate (standard 86 box design) is equipped with a capacitive touch screen with a resolution of 720\*720, and it supports one RS-485 serial port. It is used in a diverse range of installations and applications across industries including multi-media conference rooms, multi-functional halls, training centers, show room, broadcasting studios and industrial automation.

## Feature

- ARM Cortex-A53 architecture 1.8Ghz main frequency
- Android 9.0 system, 8GB Emmc Flash, 2GB DDR4 RAM
- 720\*720 (1:1) resolution, standard 86 box wall-plate design
- One machine with two modes, can be used as touch screen central control or user terminal
- Support one RS-485 communication serial port, which is capable of configuring 8 baud rates in the range of 2400-115200bps
- Support access to the host system management web page with a password
- Compliant with industry standard network communication protocols (TCP/IP, Http, UDP, Websocket)
- With 1 Gigabit network port, the highest rate up to 1G/bps
- Support POE function or independent DC 24V/1A power supply
- Interface and function configuration via central control software
- Support remote control, remote O&M, online upgrade
- Support factory reset

## Specification

Technical	
CPU	ARM Cortex-A53 1.8GHz
Operation System	Android 9
RAM	2GB DDR4 RAM
Flash Memory	8GB EMMC Flash
Resolution	720*720
Touch Type	Capacitive Touch Screen
Connection	
RS-485	1 x 3-pin Phoenix Connectors, for RS-485 serial data communication
LAN/POE	1 standard 10M/100M/1000M Ethernet RJ45 interface, supporting POE function
POWER	1 x 2-pin Phoenix Connectors, for power supply
DEBUG	1 x Micro USB, system debugging port
Mechanical	
Housing	Front Panel — Touch Screen; Rear Case — Plastic
Color	Front Panel — Black; Rear Case — Apple Gray
Dimension	86 (W) x 38mm (D) x 86mm (H)
Weight	186g
Power Supply	24V DC/1A or POE
Power Consumption	5W
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Relative Humidity	10~90% RH (non-condensing)

# Application Example

