



iControl KT069

Programmable 6.9-inch Touch Panel with LAN and RS232

Datasheet



Introduction:

The programmable touch 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 wall-in touch panel, with standard 86 box design, is equipped with a capacitive touch screen with a resolution of 1440*720, and it supports one LAN port and one RS-232 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.

Features:

- 6.9-inch 1440*720 (1:1) resolution, capacitive touch screen, standard 86 box wall-in design
- One machine with two modes, can be used as touch screen central control and user terminal
- Support one RS-232 serial communication 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
- Interface design and programming through IDE design tools
- Compliant with industry standard network communication protocols (TCP/IP, Http, UDP, Websocket)
- With 1 Gigabit network port, the highest rate up to 1G/bps
- Dual power supply mode, supporting PoE or DC power supply
- Support factory reset

Specifications:

Technical	
CPU	ARM Cortex-A55 1.8GHz
Operation System	Android 11
RAM	4GB DDR4 RAM
Flash Memory	32GB EMMC Flash
Resolution	1440*720
Touch Type	Capacitive Touch Screen
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
RS232	1x 3-pin Phoenix Connectors, for RS232 serial data communication
LAN/POE	1x Standard 10M/100M/1000M Ethernet RJ45 port, supporting PoE function
POWER	1x 2-pin Phoenix Connectors, for power supply
DEBUG	1x Micro USB, system debugging port
Mechanical	
Housing	Front Panel: Touch Screen; Frame: Plastic Rear Case: Plastic
Color	Front Panel: Black; Frame: Black Rear Case: White
Dimension	172mm (L) × 87mm (H) × 44.5mm (D)
Weight	390g
Power Supply	24V DC/1A or PoE
Power Consumption	8W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-4°F ~ 140°F / -20°C ~ 60°C
Operating Humidity	20% ~ 80% (relative humidity, non-condensing)
Storage Humidity	10% ~ 90% (relative humidity, non-condensing)

Connection Diagram:

