SD-TS04C
Programmable Control Touch Panel

Overview

The SD-TS04C Programmable Control Touch Panel is a compact, wall-mounted control interface designed for smart buildings, multimedia systems, and automation environments. It features a 4-inch capacitive touch screen with 480×480 resolution, running on Android 11 and powered by an ARM Cortex-A55 processor.
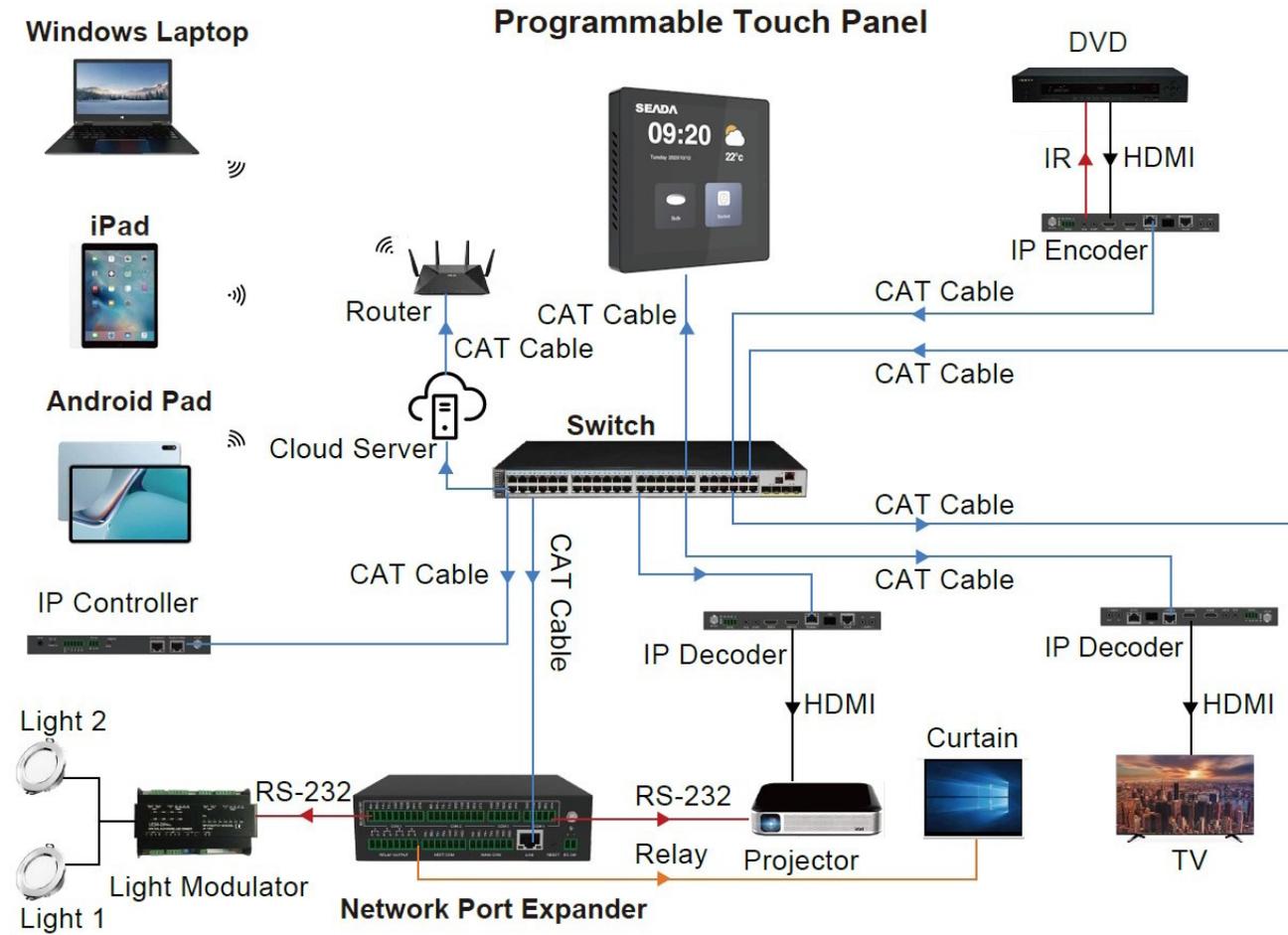
The SD-TS04C supports one LAN port and one RS-232 serial port which can be programmed to control the devices directly or it can work with SEADA Port Expanders to control more devices simultaneously.

The SD-TS04C is suitable for smart homes, conference rooms, training centres, control rooms, broadcast studios, exhibition environments, and industrial automation systems.

Key Features

- ARM Cortex-A55 architecture 1.8Ghz main frequency
- Android 11.0 system, 4GB DDR4 RAM, 32GB EMMC Flash
- 4-inch 480*480 (1:1) resolution, capacitive touch screen, standard UK 1-Gang
- One machine with two modes, can be used as touch screen central controller or 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

Specifications

Operation System	Android 11
CPU	ARM Cortex-A55 1.8GHz
RAM	4GB DDR4 RAM
Flash Memory	32GB EMMC Flash
Resolution	480*480
Touch Type	Capacitive Touch Screen
Power Supply	24V DC/1A or PoE
Power Consumption	5W
Warranty	2 years
Operating temperature range	0~40 degrees centigrade
Operating humidity range	20%-80% (no condensation)
Storage temperature range	-20~60 degrees centigrade
Storage humidity range	10%~90%

System Diagram