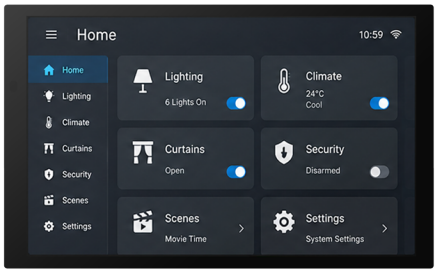
Z100 NexaPad UltraTouch 10

Smart Control



The Z100 NexaPad UltraTouch 10 is an advanced 10.1-inch Android 10 smart room control panel with integrated ZigBee gateway, Wi-Fi, Bluetooth, sensors, dual relay outputs, and intercom functionality. Designed for centralized smart home automation, hospitality, serviced apartments, villas, and residential building applications.

Overview

The Z100 NexaPad UltraTouch 10 is an all-in-one smart room control panel and indoor intercom station designed to deliver intelligent automation and centralized control for modern residential and hospitality environments.

Powered by Android 10, it features a 10.1-inch touchscreen display with 1280 × 800 resolution, offering an intuitive interface for managing lighting, curtains, sensors, thermostats, and other connected smart devices.

The panel integrates ZigBee, Wi-Fi, Bluetooth, and RS485 connectivity, with a built-in ZigBee gateway for seamless communication with compatible smart devices. Its integrated temperature, humidity, proximity, and light sensors provide enhanced environmental monitoring, while two built-in relay outputs enable direct control of electrical loads.

For communication, the Z100 features an integrated intercom extension, dual-microphone array, and Hi-Fi 2W speaker. Supporting PoE Gigabit Ethernet and AC 110–240V power supply, it offers flexible connectivity and installation options, including 86-type electrical boxes and wooden surface mounting.

Combining touchscreen control, wireless connectivity, environmental sensing, relay control, and intercom functionality in one compact device, the Z100 NexaPad UltraTouch 10 is an ideal solution for smart homes, villas, hotels, serviced apartments, and integrated building automation systems.

Key features

- 10.1-Inch Touchscreen Display: Large 1280 × 800 resolution display for intuitive smart room control.
- Android 10 Operating System: Provides a flexible and user-friendly smart control interface.
- Built-in ZigBee Gateway: Enables integration and control of compatible ZigBee smart devices.
- Multi-Protocol Connectivity: Supports ZigBee, Wi-Fi, Bluetooth, RS485, and Gigabit Ethernet.
- Integrated Environmental Sensors: Temperature, humidity, proximity, and light sensing.
- Dual Built-in Relay Outputs: Two-channel relay control for connected electrical loads.
- Integrated Intercom Extension: Supports indoor intercom communication.
- Dual-Microphone Array: Enhanced voice pickup for communication.
- Hi-Fi Speaker: Built-in 2W speaker for clear audio output.

Specifications

Operating System	Android 10
Processor	1.5 GHz CPU
Display	10.1-inch touchscreen
Display Resolution	1280 × 800 pixels
Connectivity	Zigbee, Wi-Fi, Bluetooth and RS-485
Zigbee Gateway	Built-in Zigbee gateway
Network Interface	Gigabit Ethernet (10/100/1000 Mbps) with PoE support
Integrated Sensors	Temperature, humidity, proximity and ambient light sensors
Relay Outputs	2 built-in relay outputs
Intercom	Integrated intercom extension
Microphone	Dual-microphone array
Speaker	2 W Hi-Fi speaker
Power Supply	AC 110–240 V
Rated Power Consumption	8 W
Maximum Total Power Load	≤2,000 W
Installation Options	86-type electrical box or wooden surface mounting
Dimensions (W × H × D)	285 × 150 × 11.9 mm
Colour	Space Gray
Operating Environment	Temperature: −25 °C to 55 °C; Relative humidity: ≤93%
Compliance Standards	EN 50130-4:2011 + A1:2014; EN 61000-6-3:2007 + A1:2011

Ordering information

Part Code	Description
RD309100	Z100 NexaPad UltraTouch 10 / AC 110-240V
RD309101	Z100 NexaPad UltraTouch 10 / DC 18-24V

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