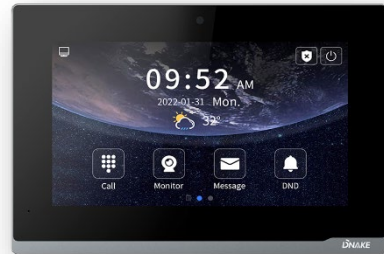# Datasheet

Instruction

With an Android 10 operating system, DNAKE SIP-based indoor monitor provides high-definition audio and video communication with Door Station and room-to-room communication via SIP 2.0 protocol. It also allows integration with 3rd party software, elevator control system and home automation, offering an integrated security solution.

DNAKE E416

Key Features

- Android 10 System
- Powered by PoE or power adapter (DC12V/2A)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Compatible with 3rd party application
- Support monitoring 8 IP cameras

Physical

- System: Android 10
- RAM: 1 GB
- ROM: 8 GB
- Front Panel: Plastic
- Power Supply: PoE (802.3af) or DC 12V/2A
- Standby Power: 3 W
- Rated Power: 10 W
- Wi-Fi: IEEE802.11 b/g/n,@2.4GHz (Optional)
- TF Card Slot: 1
- Ethernet Ports: 1 x RJ45, 10/100 Mbps adaptive

- RS485: 1
- Power Output: 1 (12V/100mA)
- Doorbell Input: 8 (use any alarm input port)
- Alarm Input: 8
- Installation: Surface mounting / Desktop
- Dimension: 195 x 130 x 14.5mm
- Working Temperature: -10℃ to +55℃
- Storage Temperature: -10℃ to +60℃
- Working Humidity: 10% to 90% (non-condensing)

Display

- Display: 7-inch TFT LCD
- Screen: Capacitive touch screen
- Resolution: 1024 x 600

Audio

- Audio Codec: G.711
- Echo Cancellation
- DTMF: RFC2833
- Microphone: Built-in microphone
- Speaker: 8Ω / 1W

Video

- Video Codec: H.264

Networking

- Protocol: SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP, ICMP

Package Features

- Package Content:
    - DNAKE E416
      (Power adapter not included)
    - Bracket
    - Screwing kit
    - Quick Start Guide
- Qty/CTN: 22 pcs
- N.W/PCS: 0.483 kg
- G.W/CTN: 13.2 kg
- Giftbox Size: 236 x 157 x 45 mm
- Carton Size: 420 x 360 x 359 mm