

# Datasheet

## Instruction

The 280D-B20 enables you to make the video call with apartment entrance door, and open the door remotely from indoor monitor or mobile APP. It also makes an easy integration with SIP devices and lift control system.

## Key Features

- Powered by PoE or power adapter (DC12V/2A)
- Open the door by IC card (20,000 users)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Easy integration with elevator control system

## 280D-B20



## Physical

- System: Linux
- RAM: 64 MB
- ROM: 128 MB
- Front Panel: Aluminum
- Button: Mechanical
- Power Supply: PoE (802.3af) or DC 12V/2A
- Standby Power: 1.5 W
- Rated Power: 9 W
- Camera: 2MP, CMOS
- Ethernet Ports: 1 x RJ45, 10/100 Mbps adaptive
- Door Entry: IC card (13.56MHz), PIN code, NFC
- RS485 Port: 1
- Relay Out: 1
- Exit Button: 1
- Door Magnetic: 1
- IP Rating: IP65 (Seal up the cracks between door station and the wall with glass glue.)
- Installation: Flush mounting
- Dimension: 380 x 158 x 55.7 mm
- Working Temperature:
  - 10°C to +55°C (default);
  - 40°C to +55°C (with heating film)
- Storage Temperature: -40°C to +70°C
- Working Humidity: 10% to 90% (non-condensing)

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## Display

- Display: 4.3-inch TFT LCD
- Resolution: 480 x 272

## Audio

- Audio Codec: G.711
- Echo Cancellation
- DTMF: RFC2833
- Microphone: Built-in microphone
- Speaker: Built-in speaker

## Video

- Video Codec: H.264
- Video Resolution: 1280 x 720
- Viewing angle: 100° (D)
- Max. Image Transfer Rate: 720p – 25fps
- Light Compensation: LED white light

## Networking

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