



# DataSheet

## DK-ACP30/D Touch Digital Door Phone



### Electrical Characteristics:

- Direct current supply: 32 to 40 Vdc
- Consumption: < 100 mA
- DO/DI (Relays and Sensor): 2 / 1
- Relay 1 resistive load: 12A/125VAC  
10A/277VAC  
10A/30VDC
- Relay 2 resistive load: 0.3A/125VAC  
1A/30VDC
- Sensor:
  - Open loop impedance > 1K ohm
  - Close loop impedance < 100 ohm

### Audio Specification:

- Electronic bell: 88+- 3dB/0.5 m
- Speaker frequency range: 350 to 3400 Hz
- Conversation mode: Hands-Free Half Duplex

### Function:

- Keypad: Touch sensitive call button
- Intercom for indoors use
- Door control
- Door status indication
- Self-Defense (plug-out) alarm
- Case open alarm
- One relay will be activated immediately after initialize the Intercom Call
- Button illuminated by backlight lamp for night use
- 8 level speaker volume
- 8 level microphone volume
- Remote volume adjustment
- Power over Line (PoL)

### Mechanical Specification:

Body Material:..... Aluminum  
Standards..... IP 44  
Color: ..... Black and Blue  
Mounting: ..... On wall  
Dimension: ..... 130 L x 65.5 W x 33 H (mm)  
(with rubber pad)  
Weight: ..... 282.4g (net)

### Environmental Specifications:

Max / Min. Temperature (operating): ..... 0° to 40° C  
Max / Min. Temperature (storage):..... -40° to 66° C  
Humidity:..... 0 to 95% relative

### Wiring Specification:

Connection Cable Length..... < 600M  
with G2-STU2  
Connection Cable Spec..... 0.5 mm;  
90 ohms/Km;  
50nF/Km  
Twist Pair

### Installation:

- KSU: Connect Tip/Ring terminals to Digital Station Port (STU).
- Relay 1: Connect relay for applications such like door open.
- Relay 2: Connect relay for applications such like camera or flash light. (always ON during talking / not programmable)
- Sensor: Dry connect for applications such like alarm.
- SW: Select the 1<sup>st</sup> or 2<sup>nd</sup> port.
- Mount DK-ACP30 on the wall.

