



D1021 Cloud Video Doorbell

Product offering

1. Doorbell System Includes

1. Video doorbell (aka door camera)



2. Cloud server running on Amazon web service



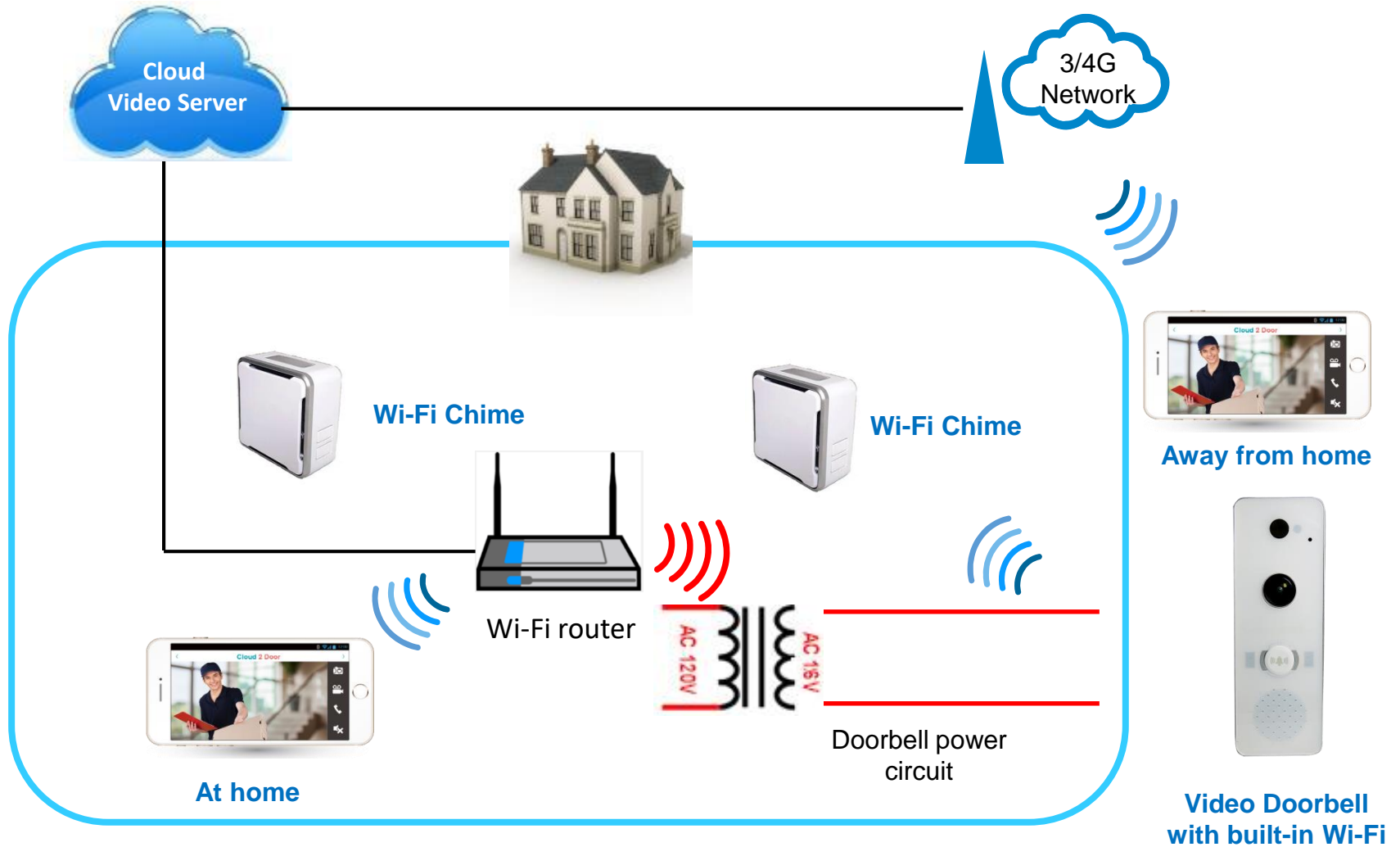
3. iOS and Android Smartphone App



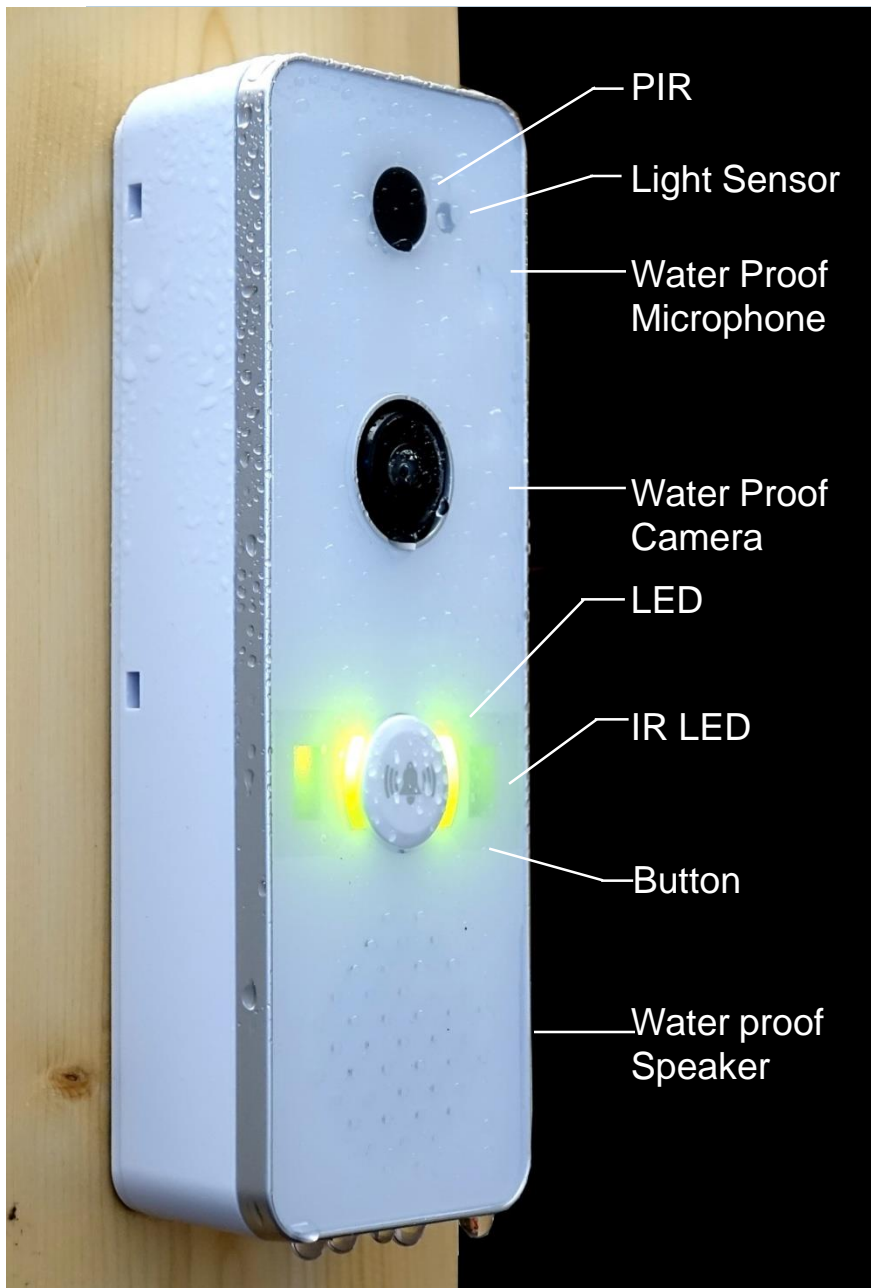
4. Wi-Fi Chime (optional)



2. Doorbell System Diagram



3. D1021 Doorbell Product Specification



Video

- HD video, 180 degree, wide angle
- Video codec: H.264
- Night vision: IR LED

Audio

- Active noise and echo cancellation
- Audio codec: PCM, AAC
- Cellular phone quality communication

Connectivity

- Built-in 802.11 b/g/n

Motion detection

- Camera and PIR

Power supply

- AC 10 ~ 20V
- DC 12 ~ 30V

Waterproof

- IP65, dust and water tight

Dimension

- 5.5" (L) x 2" (W) x 1" (D) / 140mm(L) x 50mm(W) x 25mm(D)

Operation Temperature and humidity

- -30 to +50 degree Celsius / -22 to +122 degree Fahrenheit

4. Major Features



Communication

One way video two way audio video call

Cellular phone like audio quality



Protection

Live view

Motion detection (Infra Red passive sensor and video motion detection)

Cloud recording, Photo log of visitors



Control (optional product adaptation)

Optionally add Bluetooth, Z-Wave to interface with electronic door lock
and work with other smart home devices.

Act as Internet bridge for electronic door locks

Optionally add finger print reader or keypad

5. Highlights (1)



Noise and echo cancellation



- Super-wide-band noise reduction
- Super-wide-band acoustic echo cancellation
- Wind noise canceller
- Ultra-low power consumption



Maximum acoustic performance



- Water proof speaker
- Resonant chamber for best audio performance

5. Highlights (2)



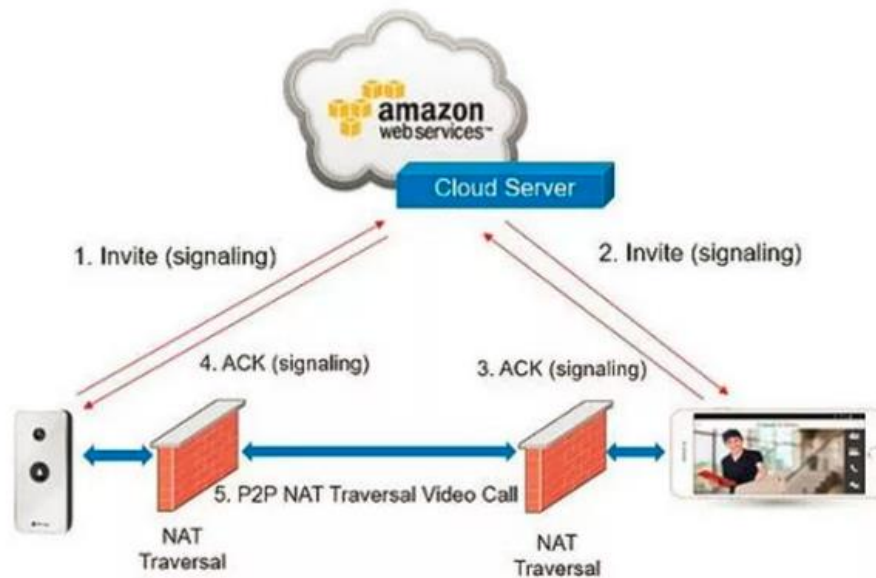
Fast response time

< 5 seconds from button pressed to notification received on smartphone

* results may vary pending on network conditions.



Optimized audio and video streaming



5. Highlights (3)



IP65 dust and water tight, Anti UV plastic housing



- Dust tight, no ingress of dust.
- Water proof against water jets
- Anti UV plastic housing



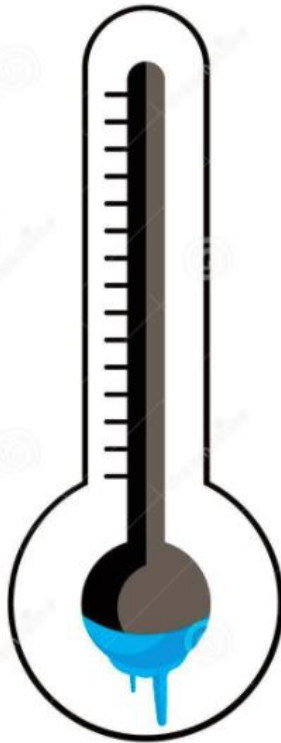
Sealing rubber gasket

5. Highlights (4)



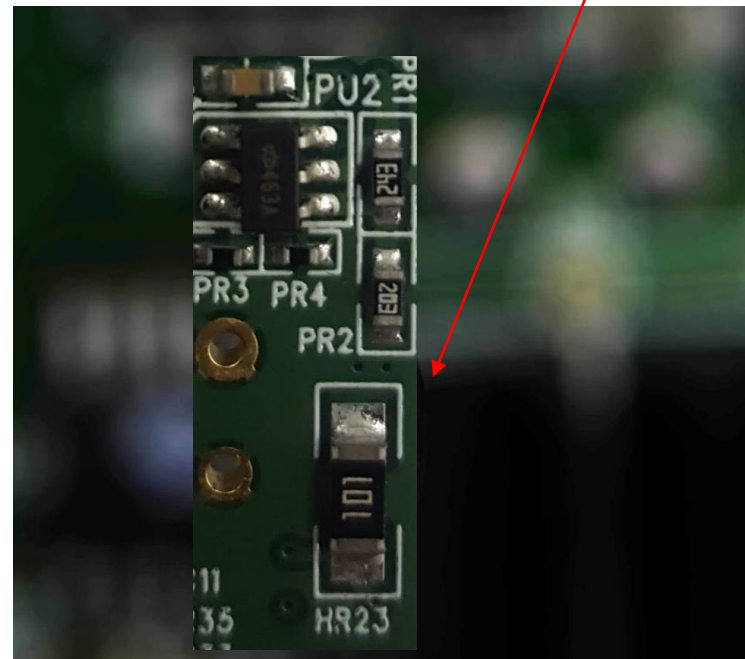
-30 to +50 degree Celsius / -22 to +122 degree Fahrenheit

-30°C



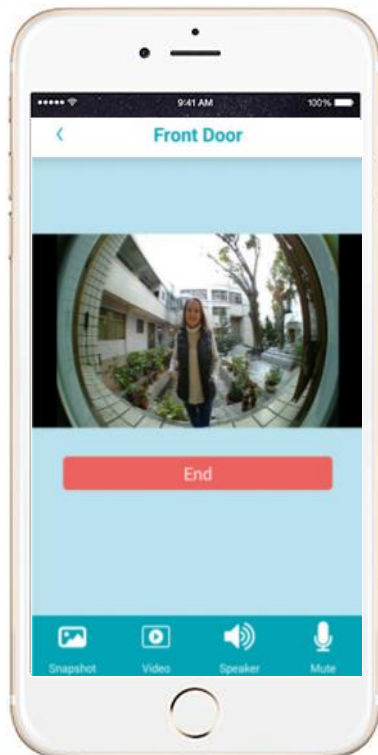
- Dust tight, no ingress of dust.
- Water proof against water jets
- Anti UV plastic housing

Heater activates at cold temperature

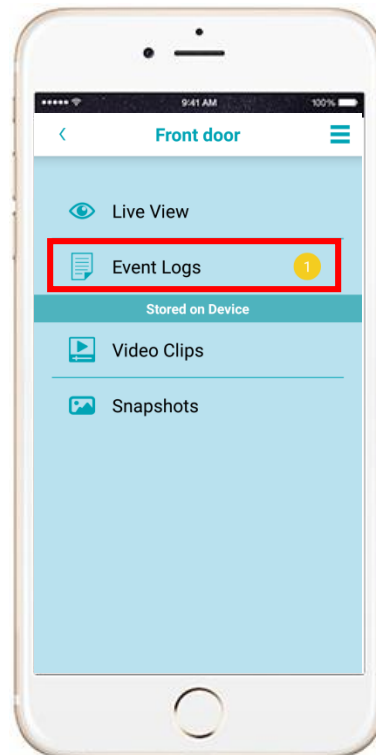


6. Smartphone App

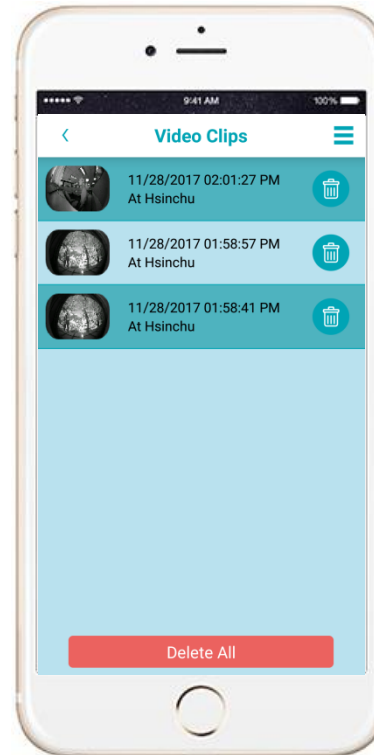
Video Call



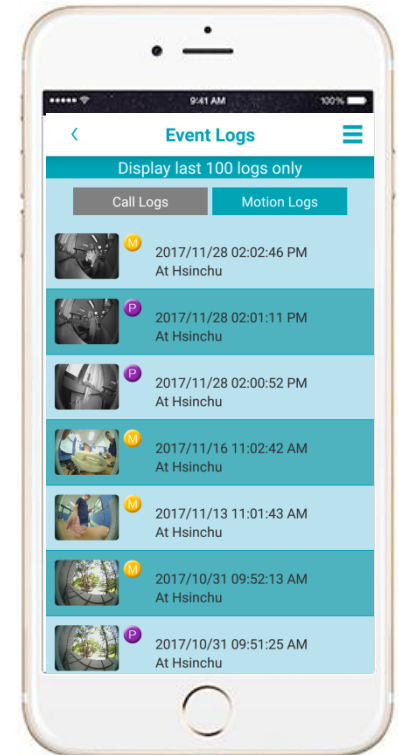
Event Log



Video Clips



Motion Detection



6. Accessory: Wi-Fi Chime C1030



Hardware Specification

- 2 LEDs, Red/Green
- Embedded 802.11 n
- Internal Wi-Fi antenna
- 100~110V AC (US plug) / 220~240V AC (EU plugs)/ 220~240V AC (UK plugs)/
- 0.5 Watt speaker

Features

- 16 built-in melodies
- Up to 4 Wi-Fi chime per doorbell

Dimensions

- 78mm(L) x 78mm(L) x 37mm(D)
- 3.1"(L) x 3.1"(L) x 0.15"(D)

Operating environment

- 0 to +40 degree Celsius
- 32 to +104 degree Fahrenheit

7. What we do (1)

Doorbell customization

D1021 can be modified per customer's request

- New top cover design or
- Re-brand of current SKU
 - Change color of cover lens
 - Customer's logo on the cover lens
 - Other cosmetic changes



7. What we do (2)

Cloud Server Services

- If customer doesn't have Cloud server, software service for the doorbell is provided by Tecom's own Cloud Server.
- Cloud-to-cloud interface by providing REST API on authorization, authentication and device management is provided for customers with their own Cloud Servers.



7. What we do (3)

App Re-brand and App SDK



- Rebranding of Tecom's generic "Cloud2door" iOS and Android App. Customization per customers' requirements
- For customers using their own App - provide App SDK to build cloud video doorbell features into customer's App

8. Our customers benefit from

Time & Money

- We help you save both on launching doorbell product line and building doorbell features on Cloud Server

Customization

- You are getting a doorbell with your brand and look

Experience

- We've been manufacturing doorbells since 2010

Competence

- Team of 200 engineers - HW, SW, mechanical

Professionalism

- Complete set of technical documentation on Cloud server

Reliability

- We are on the market for over 35 years

Quality

- Avaya, Pnasonic, At&T, Alcatel-Lucent and other customers are happy with our products and services

*Let us help you launch doorbell
so you can focus on what you do best*



Thank You

www.tecom.com.tw