



Door Station

Overview

A Compact Video Door Station Combining 7 Functions in 1 Device

Core Definition: The Q950 is a compact video door station that unifies an intercom, hemispheric camera, microphone, speaker, and RFID door access system into a single edge device.

Primary Function: Enables secure communication and monitoring at entry points for higher protection.

Key Capabilities: Supports IP video intercom functions with clear audio, wide-angle video, and optional face verification.

Target Environment: Ensures convenience and safety in offices, residences, and critical facilities.



Features



Intercom

Two-way audio communication even in a loud environment is delivered through a built-in microphone with noise cancellation and a powerful speaker.



Touch Button

The touch-sensitive button can be tapped over and over again without wearing down like conventional physical buttons.



180° High Resolution View (Q950)

Visually validate the visitor's identity through the eyes of a fisheye lens. The exceptional video clarity is achieved by a sensor with 6 megapixels, the highest resolution in the industry.



Clear Video in Complicated Light

High performance against direct light is delivered by Extreme WDR technology. Superior Low Light Sensitivity and built-in IR LED for complete darkness.



RFID Sensor

Built-in 13.56 MHz RFID sensor reads data stored on employee cards, compares against a white list, and performs actions like opening the door.



Face Identification

High-accuracy face identification for double verification. Door opens only if the card has access rights AND the face matches the ID.



Environmental Casing

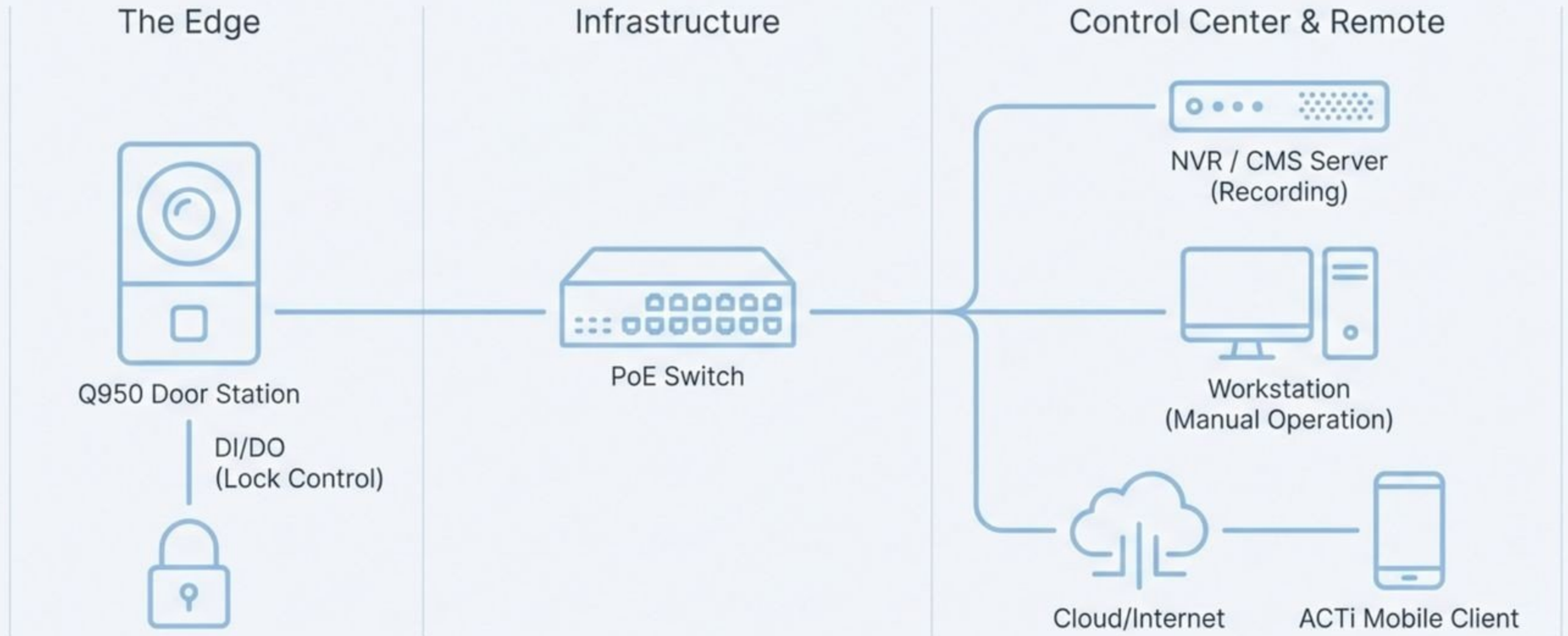
IP66 and IK09 certified ruggedized body withstands harsh weather and vandals.



Shock Detection

G-sensor detects vibrations from impact attempts to activate the alarm and instantly notify security personnel.

Architectures



Seamless integration from the Edge to the Control Center and Mobile Client. Inter Regular, Soft Slate.

Applications



Residences

Focus: Convenience

Remote answering via Smartphone App. Clear audio for visitor interaction.



Offices

Focus: Access Management

RFID Employee Card integration + Face Verification for secure staff entry.



Critical Facilities

Focus: High Security

Shock Detection for tampering attempts. 6MP Evidence recording. Double Verification (Card + Face).

Solutions

Integration with ACTi Ecosystem



Mobile Mobility

The operator can communicate with visitors not only from a desk but remotely from a smartphone.

Trigger: Notification sent upon button press.



NVR / CMS Server

Security & Evidence

Acts as a 6MP Fisheye surveillance camera recording to the NVR for liability and evidence retention.

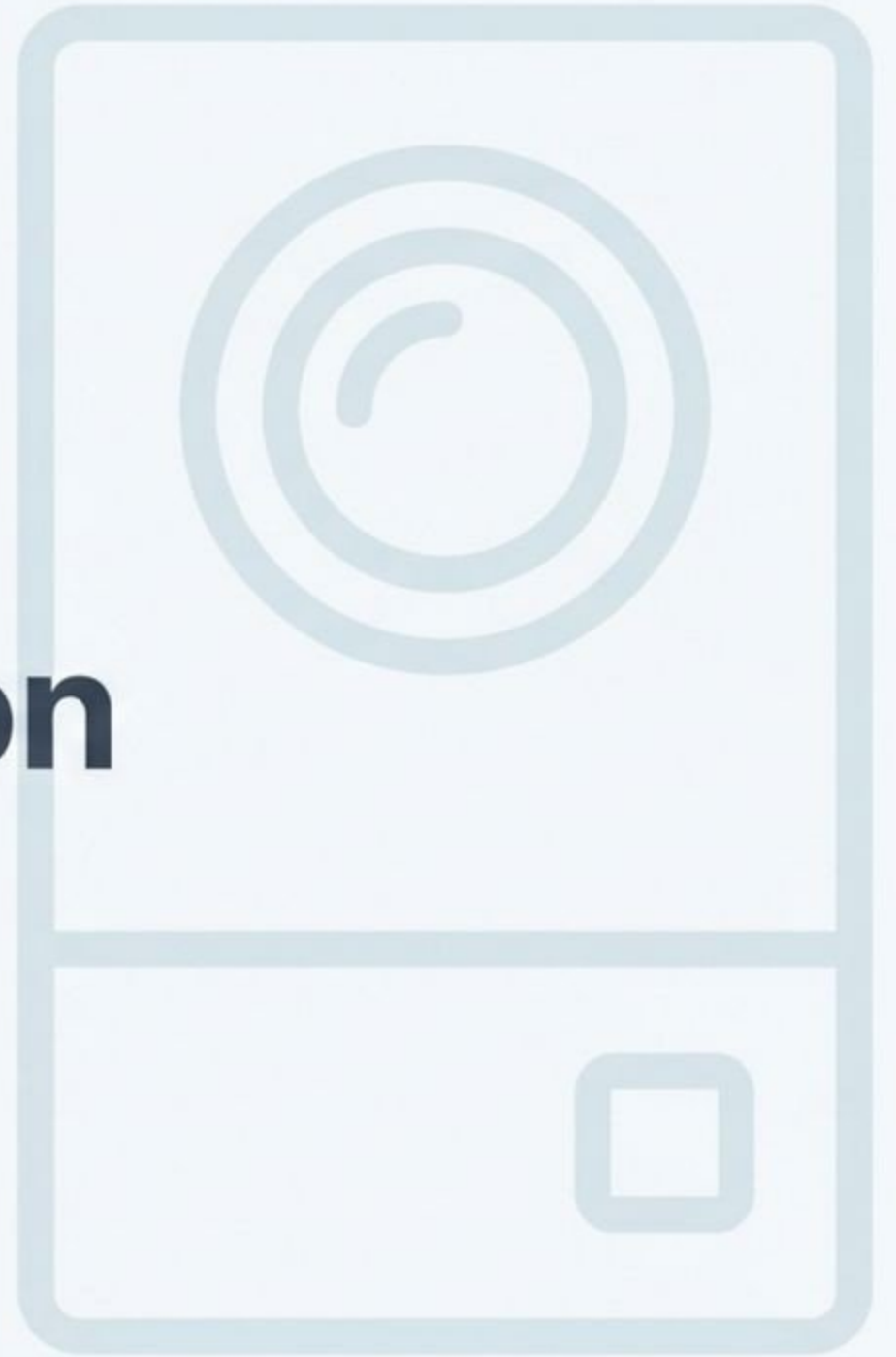
Trigger: 24/7 recording or Motion/PIR trigger.



Access Control Logic

Face ID + RFID. If a card belongs to another person (identity mismatch), access is denied and a video notification is sent to the security center.

Product Introduction



Product Matrix

Product Type	Application Environment	Lens	6MP	
Door Station 	Outdoor	Fixed focal	Q950	

Comparison

Q950 vs. Standard Industry Intercoms

ACTi Q950

- ✓ **Resolution:** 6MP (Highest in industry)
- ✓ **Field of View:** 180° Hemispheric (Fisheye)
- ✓ **Dynamic Range:** Extreme WDR (130 dB) + Superior Low Light Sensitivity
- ✓ **Verification:** Face ID + RFID (Double Verification)
- ✓ **Durability:** IP66, IK09, Shock Detection

Standard Door Intercoms

- **Resolution:** Usually 2MP or Analog
- **Field of View:** Narrow viewing angle (Blind spots)
- **Dynamic Range:** Standard WDR (Silhouettes in backlight)
- **Verification:** RFID Only or Card Only
- **Durability:** Plastic or non-rated casing

Summary

The Q950 is an intelligent edge device ensuring safety and convenience.

- 1. All-in-One:** Intercom, Camera, Access Control, and Sensor in one body.



- 2. Visual Clarity:** 6MP Resolution with 180° Fisheye lens and Extreme WDR (130 dB).



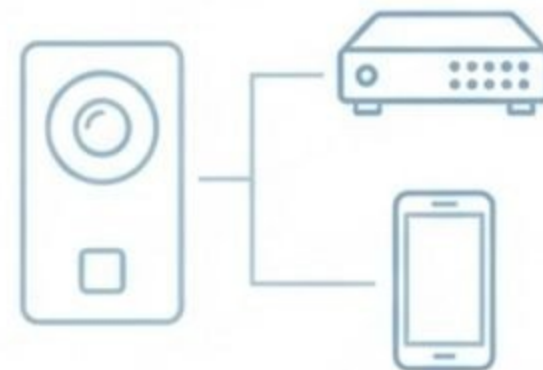
- 3. Intelligent Access:** Built-in RFID RFID reader and Face Identification for double verification.



- 4. Rugged Design:** IP66 and IK09 certified with Shock Detection for critical facility protection.



- 5. Connectivity:** Seamless integration with ACTi NVR and Mobile Client.



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