

TD33

Compact Intercom
for Intuitive Calling,
Enhanced Security,
and Seamless Access



Overview

Verkada’s TD33 Video Intercom is a versatile and multifunctional device featuring video intercom, access control, and security camera capabilities, all in a sleek and durable form factor. The TD33 delivers excellent call quality across diverse environments. Callers can be seen clearly in nearly any type of lighting condition, and both callers and receivers can be audibly heard in highly-trafficked areas.

Organizations can simplify their entry experiences with native and third-party integrations to access control systems. The TD33 is also equipped with a card reader that is compatible with several credential types and technologies. The intercom camera also offers the full recording and analytics functionality of Verkada’s security cameras to boost visibility and security at entryways.

The TD33 is great for outdoor deployments. Its slim form factor makes it mountable on door mullions or other tight spaces, but a variety of mounting options and accessories facilitate easy installation on almost any facade.

Key features

All-in-one functionality

Combined video intercom, access control, and security camera functionality simplifies and secures the entire entry experience.

High-definition video

5MP camera resolution, Wide Dynamic Range, IR LEDs, and 130° FoV allow a clear visual of high-traffic entryways day and night.

HF, LF, NFC, BLE support

Built-in card reader supports many common high-frequency, low-frequency, NFC, and Bluetooth LE credentials.

Slim form factor

Sleek profile allows installation on narrow door frame mullions and other areas with limited space.

Sharp audio

A digital MEMS microphone and 80 dB speaker with advanced noise suppression and echo cancellation combine to deliver maximum audio clarity on every call.

Built for durability

IP65 and IK07 ratings ensure the intercom withstands strong impact and inclement weather.



TD33 Tech Specs

Power and rating

| | | | |
|--------------------------|--|--------------------|------------------|
| Power Consumption | 44-57V, 10-350 mA | Power Input | IEEE 802.3af PoE |
| Connectivity | Ethernet: 10/100/1000Mbps RJ-45 cable connector for Network/PoE connection | Rating | IK07, IP65 |

General

| | | | |
|-----------------------------|--|------------------------------|--------------------------------|
| Dimensions | Height: 229mm / 9.0in Width: 42mm / 1.7in Depth: 29mm / 1.1in | Operating Temperature | -40°C - 50°C / -40°F - 122°F |
| Weight | 0.6kg / 1.3lb | Tamper Detection | Yes |
| Included Accessories | Surface mount plate, T10 screwdriver, mounting hardware kit | Separate Accessories | Angle mount box |
| Warranty | 10 years | Onboard Storage | 512GB |
| Inputs / Outputs | 2x dry inputs 1x dry relay, 30VDC @ 1A (resistive load) 1x RS-485 port | Construction | Aluminum, steel, polycarbonate |

Dimensions



Compliance and availability

| | | | |
|--------------------------------|---|---------------------|---------------------------|
| Compliance & Safety | FCC Part 15B Class B, ICES-003 Class B, CE, UKCA, RCM, UL/IEC 62368-1, CSA NO22.2 62368-1, UL 294, ULC-60839-11-1 Outdoor | Availability | USA, CAN, UK, EU, AUS, NZ |
|--------------------------------|---|---------------------|---------------------------|

Card reader compatibility

| | | | |
|--|---|---|--|
| Controller Compatibility | Runs directly on TD33 intercom or via RS-485 connection to a standalone Verkada access controller | Low Frequency Card Compatibility | HID Prox II 26-Bit (H10301), 37-Bit Wiegand HID H10304, 37-Bit Wiegand HID H10302, HID 35-Bit Corporate 1000 |
| High Frequency Card Compatibility | Verkada DESFire EV3, MiFare / DESFire NFC Card Serial Number | Mobile Credential Compatibility | Verkada Pass app, Apple Wallet, Android NFC |



TD33 Tech Specs

General

| | | | |
|--------------------------|-------------------------|----------------------|--|
| Sensor Resolution | 5MP (2688 x 1944) | Iris | Fixed |
| Lens Type | Fixed | Aperture | F2.0 |
| Image Sensor | 1/2.8" Progressive CMOS | Field of View | Horizontal: 130° Vertical: 100° Diagonal: 160° |
| IR Range | 5m / 16ft in low light | Focal Length | 2.12mm |

Audio specifications

| | | | |
|------------------------|---|--------------------|---|
| Audio Streaming | Two-way, full duplex with echo cancellation and noise suppression | Audio Input | 1 omnidirectional digital MEMS microphone |
| Audio Output | 2W speaker; 80dB SPL at 1m / 3.3ft | | |

Intercom software capabilities

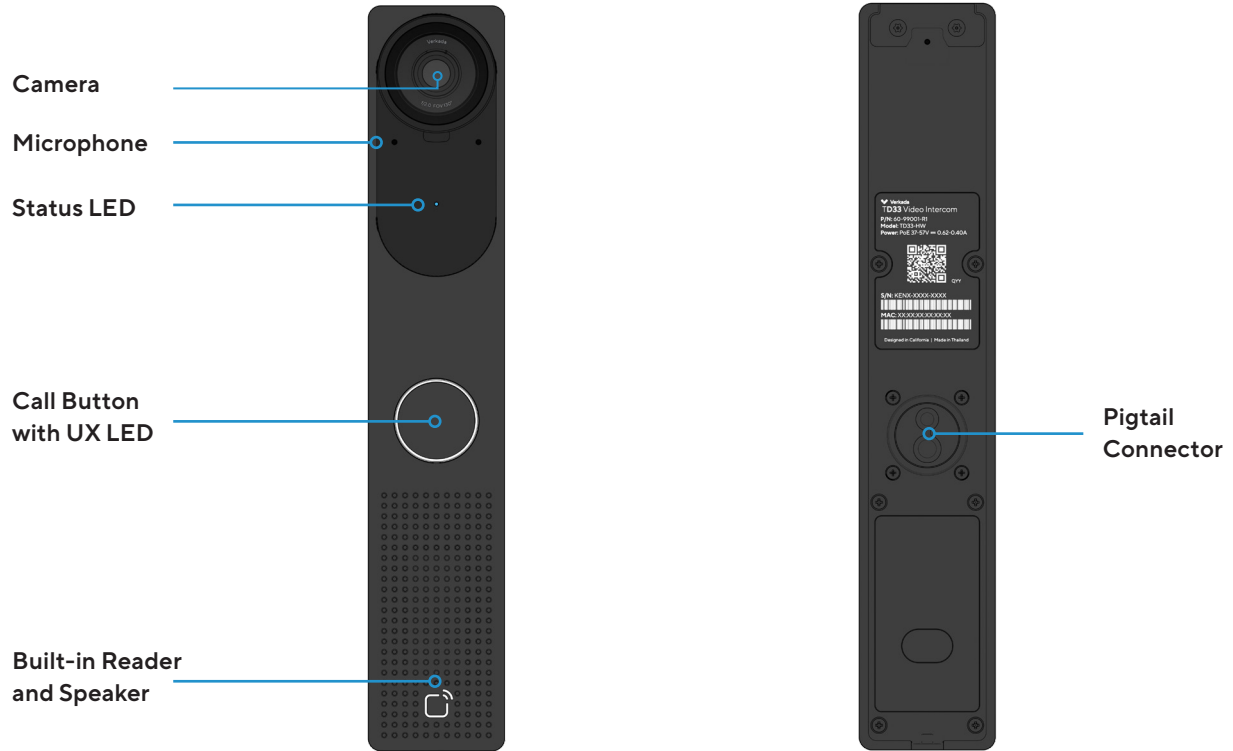
| | | | |
|------------------------------|--|-------------------------------|---|
| Verkada Receivers | Verkada Pass app, Verkada Desk Station, Verkada Command | Phone System Receivers | SIP, VoIP, PSTN, Microsoft Teams |
| Remote Lock / Unlock | Yes | Call History Details | Call timeline, video recording, searchable transcript, people detection and search |
| Call Routing Features | Multiple user and receiver options, failover steps, automatic messages, schedulable call logic, routing to central call center | Insights at Scale | Annotated call events, AI-powered transcription search, reports, call flows, and dashboard analytics across intercoms and sites |

Video security software capabilities

| | | | |
|--------------------------|---|------------------------------|--|
| Alerts | Call triggered, call missed, SIP connection, device status, motion detection, people detection, vehicle detection, Person of Interest search, crowd detection | Streaming and Storage | Cloud backup, selectable storage location, timelapse, RTSP |
| People Analytics | People search, attribute search, face search, occupancy trends | Sharing and Privacy | Live Links, privacy regions, audit log |
| Vehicle Analytics | Vehicle search, attribute search | Incident Reporting | Archive clips, save to incident report |



TD33 Inputs and Outputs



| IO Function | Color Coding |
|-------------|------------------------|
| NO | Brown |
| COM | Yellow |
| NC | Blue |
| RS-485 A- | White |
| RS-485 B+ | Green |
| IN1 | Purple |
| GND | Black |
| IN2 | Orange |
| GND | Black |
| Earth_Gnd | Green w/ yellow stripe |



Ordering Information

TD33 Intercom pricing

| Model Number | Description | Cost (MSRP) USD |
|--------------|------------------------------------|-----------------|
| TD33-HW | TD33 Mullion Video Intercom Reader | \$1,499 |

TD33 accessories pricing

| | | |
|-----------------|------------------|-------|
| ACC-INT-ANGLE-4 | TD33 Angle Mount | \$199 |
|-----------------|------------------|-------|

TD33 software license pricing

| | | |
|------------|--------------------------|---------|
| LIC-TD-1Y | 1-Year Intercom License | \$249 |
| LIC-TD-3Y | 3-Year Intercom License | \$599 |
| LIC-TD-5Y | 5-Year Intercom License | \$999 |
| LIC-TD-10Y | 10-Year Intercom License | \$1,999 |