TS12-N, TS12-N-RB, TS12-N-R2B

Audio Intercom with Powerful Speaker and All-Metal Construction

Overview

The Verkada TS12 audio-only intercom features a durable form factor and high power audio output, designed for clear communication in environments with loud ambient noise. The TS12 comes in three variations: the TS12-N with a black button for standard requests, the TS12-N-RB with a raised red button for emergencies, and the TS12-N-R2B with both a black and a red button for flexible general assistance or emergency calls.

The TS12 has exceptional audio quality, with a loud 95 dB output and broad sound coverage to capture audio even when the caller is not directly in front of the intercom. To further amplify audio, the TS12 can be connected to an external speaker via line-out or amp-out to reach up to 110 dB. With a durable stainless steel body and IK10 and IP69 ratings, the intercom is capable of withstanding both vandalism and extreme weather.

Additionally, the TS12 is ideal for camera-restricted areas, like classrooms or bathrooms, providing a secure and reliable way to communicate without video. With just the push of a button, callers can easily be connected to get the assistance they need.

Key features

High decibel output

The TS12 is engineered for 95 dB SPL at 1m at 1kHz, allowing conversations to cut through background noise.

Flexible audio options

The TS12 can reach up to 110 dB when connected to an external speaker via audio line-out or audio amp-out.

Exceptional call quality

A beamforming microphone array, noise suppression algorithms, and automatic gain control enable excellent audio clarity.

Broad sound coverage

A microphone pickup range of 3m at 130° and adaptive beamforming capture clear audio across a wide area.

Engineered to last

With IP69 and IK10 ratings, the TS12 is capable of tolerating heavy impact and rugged environmental conditions.

Versatile mounting options

A conduit surface mount and adapter plate allow for flexible installations.

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Tech Specs

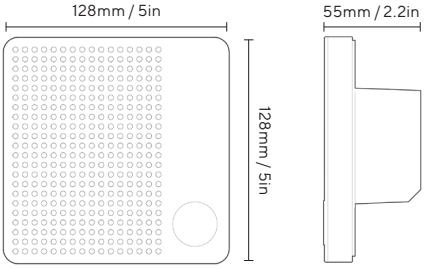
Power and rating

Power Consumption	37-57V, 0.35-0.23A	**Power Input**	IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt PoE++
Connectivity	Ethernet: 10/100/1000Mbps RJ-45 cable connector for Network/PoE connection	**Rating**	IK10, IP69

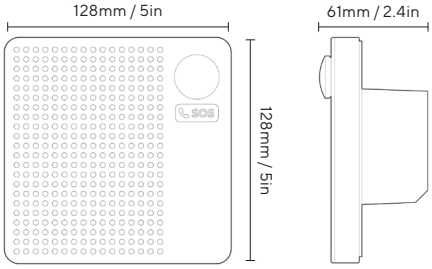
General

Weight	0.8kg / 1.8lb	**Tamper Detection**	Yes
Included Accessories	T10 screwdriver, mounting hardware kit	**Separate Accessories**	Surface mount box, emergency adapter plate, PoE over 2-wire converter
Warranty	10 years	**Onboard Storage**	32GB
Inputs / Outputs	2x dry inputs 1x dry relay, 30VDC @ 1A (resistive load) 1x RS-485 interface 1x power output, 12V @ 250mA 1x audio line output(1Vrms) or amp output (16W into 4Ω or 8W into 8Ω)	**Construction**	Aluminum, steel, polycarbonate
Operating Temperature	PoE: -20°C – 50°C / -4°F – 122°F PoE+/PoE++: -40°C – 50°C / -40°F – 122°F		

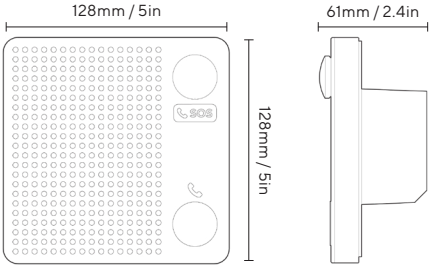
Dimensions



TS12-N



TS12-N-RB



TS12-N-R2B

Audio specifications

Audio Streaming	Two-way, full duplex with echo cancellation and noise suppression	**Audio Input**	4 omnidirectional digital MEMS microphones
Audio Output	8W speaker; 95dB SPL at 1m / 3.3ft		

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Tech Specs

Compliance and availability

Compliance & Safety	*All certs pending*: FCC Part 15B Class B, ICES-003 Class B, CE, UKCA, RCM, UL/IEC 62368-1, CSA NO22.2 62368-1	**Availability**	USA, CAN, EMEA (*select*), UK, AUS, NZ, JP, LATAM (*select*)

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, searchable transcript
Call Routing Features	Multiple user and receiver options, failover steps, automatic messages, schedulable call logic, routing to central call center	**At Scale Insights**	Annotated call events, AI-powered transcription search, reports, call flows, and dashboard analytics across intercoms and sites

Ordering Information

TS12 Intercoms

Model Number	Description	Cost (MSRP) USD
TS12-N	TS12-N Square Audio Intercom	$1,099
TS12-N-RB	TS12-N-RB Square Audio Intercom (Red Button)	$1,099
TS12-N-R2B	TS12-N-R2B Square Audio Intercom (Red & Call Buttons)	$1,099

TS12 Accessories

Model Number	Description	Cost (MSRP) USD
ACC-INT-PLATE-1	Intercom Emergency Adapter Plate	$199
ACC-INT-TS-COND	Square Intercom Conduit Surface Mount	$149
ACC-IOX-RELAY	Verkada Security Relay	$199

Ordering Information

Intercom Software License (New/Capacity Increase)

Model Number	Description	Cost (MSRP) USD
LIC-TD-1Y	Verkada 1-Year Intercom License	$349
LIC-TD-3Y	Verkada 3-Year Intercom License	$1,049
LIC-TD-5Y	Verkada 5-Year Intercom License	$1,749
LIC-TD-10Y	Verkada 10-Year Intercom License	$3,499

Intercom Software License (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-TD-1Y-RNW	Verkada 1-Year Intercom License, Renewal	$349
LIC-TD-3Y-RNW	Verkada 3-Year Intercom License, Renewal	$1,049
LIC-TD-5Y-RNW	Verkada 5-Year Intercom License, Renewal	$1,749
LIC-TD-10Y-RNW	Verkada 10-Year Intercom License, Renewal	$3,499

Ordering Information

Desk Station Cloud License (New/Capacity Increase)

Model Number	Description	Cost (MSRP) USD
LIC-TX-1Y-CAP	1-Year Desk Station License, Capacity Increase	$249
LIC-TX-3Y-CAP	3-Year Desk Station License, Capacity Increase	$749
LIC-TX-5Y-CAP	5-Year Desk Station License, Capacity Increase	$1,249
LIC-TX-10Y-CAP	10-Year Desk Station License, Capacity Increase	$2,499

Desk Station Cloud License (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-TX-1Y-RNW	1-Year Desk Station License, Renewal	$249
LIC-TX-3Y-RNW	3-Year Desk Station License, Renewal	$749
LIC-TX-5Y-RNW	5-Year Desk Station License, Renewal	$1,249
LIC-TX-10Y-RNW	10-Year Desk Station License, Renewal	$2,499