

IP39-40ACR

IP Video Access Control Phone

Indoor Use



General

TranSTEL's new IP Door Phone IP39-40ACR is a standalone SIP phone, designed to enhance extended communication ranges of a VoIP network by providing Voice, Video, Access Control, Door Entrance capability and Direct Extension Dialing.

Integrated into a SIP Server as end points or extensions, TranSTEL IP Door Phones allow voice and video communication, plus door control, in multiple company branches operating within a single IP domain or intranet. Integrated IP video cameras provide real-time video streaming and the stylish housing of these TranSTEL IP Door Phones complement the design architecture of most buildings and office spaces.

Main Features

- 12 level microphone volume
- 12 level speaker volume
- 2 separate relays
- Auto answer for incoming calls
- Auto provisioning
- Built-In Mifare reader
- Day / Night call destinations
- Direct dialing to destination
- Display: OLED, 16 x 2 characters
- Door control
- Door opening from remote extension
- Door status indication (feature is depended on system)
- External switch buttons
- Firmware upgrade and backup
- Intercom for indoor use
- Keypad: 4 x 4 touch sensitive keypad
- Multiple door access codes
- Network configuration: DHCP or Static
- No answer call forwarding
- Power over Ethernet (PoE)

- Remote volume adjustment
- Self-Defense (case open) Alarm (feature is depended on system)
- SIP server extension account
- Video Streaming (RTSP and HTTP)
- SIP Video
- Speed dial memory scrolling
- Up to 99 member Phone-Book list
- Web GUI password protection
- Web interface HTTPS supported

Mechanical Specifications

Body Material	ADC12 Alloy / Acrylic front plate
Standards	Indoor use only
Color	Silver
Mounting	On Wall
Dimension	182 x 95 x 36 mm (7.2 x 3.8 x 1.4 inches)
Weight	0.8 kg (1.77 lbs) (net)

Environmental Specifications

Max / Min. Temperature (operating)	0° to 40° C
Max / Min. Temperature (storage)	-10° to 60° C
Humidity	0 to 90% relative

Network

Interface	Ethernet RJ-45 x 1, Auto MDI
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Wiring Specifications

Connection Cable Length	< 100M (Ethernet)
Connection Cable Spec	0.5 mm (Minimum) 90 ohms/Km 50nF/Km Cat 5. (Minimum) Twist Pair

Electrical Characteristics

- Power
 - Power adapter (Optional)
 - Input 100-240VAC 50-60Hz
 - Output 5VDC/2A
 - Integrated PoE (Power-over-Ethernet) 802.3af
- Consumption
 - Idle 550mA, 2.75W
 - Maximum 1.3A, 6.5W
- DO/DI (Relays and Sensor) 2/2
- Relay 1/2 resistive load Up to 2A (30 VDC)
- Sensor
 - Open loop impedance > 1K ohm
 - Close loop impedance < 100 ohm

Audio Specifications	
■ Voice frequency range	HD Range
■ Conversation mode	Hands-Free Full Duplex
■ VoIP Protocol	SIP RFC-3261; RTP; RTCP
■ DTMF Presentation modes	RFC 2833; SIP Info
■ Codec	
Audio	G.711 PCM a/u, G.722, Speex 8/16/32 KHz, GSM
Video	H.264; H.263-1998
■ Audio Quality	VAD (Voice Activity Detection) CNG (Comfort Noise Generator) PLC (Packet Loss Concealment) AJB (Adaptive Jitter Buffer, up to 300ms)
■ QoS (Quality of Service)	RTP/UDP (ToS/Diffserv)
■ IP media features	AGC (Automatic Gain Control)
■ Echo Cancellation	G.168-2002 Compliant with programmable echo tail of up to 128 ms Length: Up to 64 ms; Acoustic EC
■ Media Encryption	SRTP
■ NTP protocol support	Yes
■ NAT Traversal and STUN support	Yes
■ Syslog protocol support	Yes

RFID Reader Specifications	
Reading Frequency	13.56 MHz
RFID Card Type	MIFARE Classic / MIFARE 1K / MIFARE 4K
Protocol Layers	ISO / IEC 14443 A
Algorithm	Fast Crypto1 security
Reading Distance	30 mm
RFID Card Capacity	2,000

Camera Specifications	
Image Sensor	1/4" HD CMOS Image Sensor
Lens	4G+AR+IR
View Angle	125°
System / Resolutions	HD 720P / 480P
White Balance	Auto