UCM6510 IP PBX Appliance





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The UCM6510 is an innovative IP PBX appliance for E1/T1/J1 networks that brings enterprise-grade Unified Communications and security protection to small-to-medium businesses (SMBs) in an easy-to-manage fashion. Powered by an advanced hardware platform and revolutionary software functionalities, the UCM6510 offers a breakthrough turnkey solution for converged voice, video, data, fax, security surveillance, and mobility applications out of the box without any extra license fees or recurring costs.

Feature Highlights

- 1GHz quad-core Cortex A9 application processor, large memory (1GB DDR3 RAM, 32GB Flash), and dedicated high performance multi-core DSP array for advanced voice processing
- 1 integrated T1/E1/J1 interface, 2 PSTN trunk FXO ports, 2 analog telephone/Fax FXS ports with lifeline capability in case of power outage, and up to 50 SIP trunk accounts
- Gigabit network port(s) with integrated PoE, USB, SD card; integrated NAT router with advanced QoS support
- Hardware DSP based 128ms-tail-length carrier-grade line echo cancellation (LEC), hardware based caller ID/call progress tone and smart automated impendance matching for various countries
- Strong defense against malicious attacks (Fail2ban, Whitelist, Blacklist, alerts, etc.)

- Supports up to 2000 SIP endpoint registrations, up to 200 concurrent calls (up to 100 SRTP encrypted concurrent calls), and up to 64 simultaneous conference attendees
- Flexible dial plan, call routing, site peering, call recording, central control panel for endpoints, integrated NTP server, and integrated LDAP contact directory
- Automated detection and provisioning of IP phones, video phones, ATAs, gateways, SIP cameras, and other endpoints for easy deployment
- Strongest-possible security protection using SRTP, TLS, and HTTPS with hardware encryption accelerator
- Redundant power supply, advanced support for Hot Standby Clustering and High Availability (pending)

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Corporate Headquarters:

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Regional Offices: Dallas, TX, USA I Los Angeles, CA, USA I Casablanca, Morocco I Valencia, Venezuela I Hangzhou, China I Shenzhen, China



UCM6510 Technical Specifications

Interfaces Analog Tolophone FXS Potts 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capability in case of power outage) 1 RU45 port 2 RUI1 ports (both with littline capabilities 2 RU46 ports (both with littline capabilities) 2 RU50 ports for forts (blasting) 2 RU50 ports (blast	Vallubli Galli	rechnical Specifications
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PSTN Line FXO Ports 2 RJ11 ports (both with lifeline capability in case of power outage) T1/E1/11 Interface 1 RJ45 port Network Interfaces A 3rd Gapital port for Hot-Standay Custering NAT Router Ves (isser configurable) Peripharal Ports USB, SD LED Indicators LED Indicators Power 12, PoE, USB, SD, T1/E1/11, FXS 12, FXO 12, LAN, WAN, Cluster Heartbeat LED Display 1 28-23 doft marting reproduce CIV with DOWN and OK buttons Reset Switch Ves, long press for factory reset and short press for reboot Voice-Over-Packet Capabilities Voice-Over-Packet Capabili		
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Peripheral Ports LED Indicators Power 12, PoE, USB, SD. T1/E1/J1, FXS 1/2, FXO 1/2, LAN, WAN, Cluster Heartheat LCD Display 128/3/2 do that marks graphic LCD with DOWN and OK buttons Reset Switch Yes, long press for factory reset and short press for reboot Voice-over-Packet Capabilities LEC with NLP Packetzed Voice Protocol Unit, 128m-tail-length carrier grade Line Edio Cancellation, Dynamic Jiller Ediffer, Modern detection & auto-switch to G.711 Voice and Fax Codecs G.711 A-law/U-law, G.722, G.723.1 5.3/6.3/K. G.726, G.729AB, ILBC, GSM, AAL2-G.725.32, ADROM, T.38 Video Codecs H.834, H.635, H.635+ CoS Signaling & Control DITMF Methods In Audio, RFC22833, and SIP INFO Digital Signaling PRIL SST, MFCR2 Provisioning Protocol & PETPHTTPHTTPS, auto-discovery & auto-provisioning of Grandsteam IP endpoints via ZeroCorling (DHCP Plug-and-Pils) Network Protocols TCPUIDDINE RIPPHTCP (CMP ARR) DNS, DDNS, DHCP NTP, TTTP, SSH, HTTP-HTTPS, PPPOE. SIP (RFC2263), STM, SRTP, TLS, LDDP Disconnect Methods SRTP, TLS, HTTPS, SSH Advanced Defense Failzban, alert events, Whitelast, Blockiest, strong passeword based access control Physical Unit Weight 2, 165 kg; Passage Weight 3, 012 kg Dimensions 400mental SRTP, TLS, HTTPS, CSH, Humidity 10 - 90% (non-condensing) Storage: 14 - 140°F / 10 - 200°C, Humidity 10 - 90% (non-condensing) Belloson/Flectoriae, ETS-FSK, ETS-DPF, SPH, SPH, SPH, SPH, FIRPH, Chem., Spansan, Greek, French, Indian Dutch, Poissh, Portuguese, Russian, Sevensi, Turksh, Hebreun, Arabic Caller ID Belloson/Flectoriae, ETS-FSK, ETS-DPF, SND, 2000, 28, NND, 2000,	Network Interfaces	
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Ves. long press for factory reset and short press for reboot		Power 1/2, PoE, USB, SD, T1/E1/J1, FXS 1/2, FXO 1/2, LAN, WAN, Cluster Heartbeat
Voice-Video Capabilities	LCD Display	
Voice-over-Packet Capabilities Voice and Fax Codecs Video Codecs Video Codecs Layer 3 Cos. Layer 4 Cos. Layer 4 Cos. Layer 4 Cos. Layer 5 Cos. Layer 5 Cos. Layer 5 Cos. Layer 5 Cos. Layer 7 Cos. L		Yes, long press for factory reset and short press for reboot
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Video Codecs	Voice-over-Packet Capabilities	
Layer 3 CoS, Layer 2 CoS	Voice and Fax Codecs	G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, GSM, AAL2-G.726-32, ADPCM; T.38
Signaling & Control	Video Codecs	H.264, H.263, H263+
DTMF Methods In Audio, RFC2833, and SIP INFO Digital Signaling PRI, SS7, MFC/R2 TFTP/HTTP/HTTPS, aud-discovery & auto-provisioning of Grandstream IP endpoints via ZeroConfig (DHCP Option 66/multicast Sip SUBSCRIBE/mDNS), eventilist between local and remote trunks TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Security Media Encryption SRTP, TLS, HTTPS, SSH Advanced Defense FailZban, alert events, Whitelist, Blacklist, strong password based access control Physical Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A; Physical Universal Power Supply Dimonsions 440mm(L) x 185mm(W) x 44mm(H) Environmental Operating: 32 · 1139F / 0 ~ 45°C, Humidity 10 · 90% (non-condensing) Mounting Rack mount & Desktop Additional Features Multi-Language Support English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/Cerman/Russian/Italian/Polish/Czech for Web UI; Customizable IV/Rviote prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IV/R (Interactive Voice Response) Maximum Call Capacity Conforence Bridges Call Features Ca	QoS	Layer 3 QoS, Layer 2 QoS
Digital Signaling PRI, SS7, MFC/R2 Provisioning Protocol & Option 66/multicast SIP SUBSCRIBE/mDNS), evenilist between local and remote tunks Network Protocols TCP/UDP/IR. PRIPATTCP, CIMP, ARP, DNS, DDNS, DNS, DHCP, NTP, TETP, SSH, HTTP/HTTPS, PPOE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Security Media Encryption SRTP, TLS, HTTPS, SSH Advanced Defense Fail2ban, alert events, Whitelist, Blacklist, strong password based access control Physical Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A; Physical Universal Power Supply Universal Power Supply Physical Universal Power Supply Operating: 32 ~ 113°F / 0 ~ 45°C, Humidity 10 ~ 90% (non-condensing) Storage: 14 ~ 140°F / ~ 10 ~ 60°C, Humidity 10 ~ 90% (non-condensing) Mounting Rack mount & Desklop Additional Features Multi-Language Support English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web Uj: Customizable VR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Belicore/Teleordia, ETSI-FSK, ETSI-DTMF, SIN 227 ~ BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Call Center Customizable Auto Attendant Maximum Call Capacity Up to 2000 registered SIP englopinis, up to 200 concurrent calls Conference Bridges Call Features Call Park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: ENS5022 Class B, ENS5024, ENS1000-3-2, EN60950-1, TBR21, RoHS A-TICK, ASNZS (DISPA), CLASS B, SDSS (DSPA), USA (DSPA), CSA (DSP	Signaling & Control	
Provisioning Protocol & Plug-and-Play TFTP/HTTP/HTTPS, auto-discovery & auto-provisioning of Grandstream IP endpoints via ZeroConfig (DHCP Option 66/multicast SIP SUBSCRIBE/mDNS), eventilist between local and remote trunks TCP/IDP/IP, RTPPIRTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TETP, SSH, HTTP/HTTPS, PPPOE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Media Encryption SRTP, TLS, HTTPS, SSH Advanced Defense Physical Universal Power Supply Input: 100 - 240VAC, 50/60/Hz; Output: DC+12V, 1.5A; Physical Unit Weight: 2.165 kg; Package Weight: 3.012 kg Dimensions 440mm(L) x 185mm(W) x 44mm(H) Environmental Operating: 32 - 113°F / 0 - 45°C, Humidity 10 - 90% (non-condensing) Mounting Rack mount & Desktop Additional Features Multi-Language Support English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web U); Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Callor ID Belicore/Teleordia, ETSI-FSK, ETSI-DTMF, SIN 227 - BT, NTT Japan Ves. With enable/disable option upon call establishment and termination Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Customizable Auto Attendant Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call Park Cell Capacity Up to 80000 registered SiP endpoints, up to 200 concurrent calls Conference Bridges Call Park, Cell Foward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (FGR 47) Class B, Part 88 CE: ENS5022 Class B, ENS5024, ENS1000-3-3, EN60950-1, TBR21, RoHS A-TICK, ASNZS CISSPR 24, ASNZS	DTMF Methods	In Audio, RFC2833, and SIP INFO
Plug-and-Play Option 66/multicast SIP SUBSCRIBE/mDNS), eventilist between local and remote trunks TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Security Media Encryption SRTP, TLS, HTTPS, SSH Advanced Defense Fail2ban, alert events, Whitelist, Blacklist, strong password based access control Physical Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A; Physical Unit Weight: 2,165 kg; Package Weight: 3.012 kg Dimensions 440mm(L), x 185mm(W) x 44mm(H) Environmental Operating: 32 ~ 113*F 0 ~ 45°C, Humidity 10 ~ 90% (non-condensing) Storage: 14 ~ 140*F / ~ 10 ~ 50°C, Humidity 10 ~ 90% (non-condensing) Mounting Rack mount & Desktop Additional Features Multi-Language Support for Web UI, Customizable IVRNotice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 ~ BT, NTT Japan Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call Park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CF: ENS5022 Class B, ENS5024, ENS1000-3-3, EN60950-1, TBR21, RoHS A-TICK ASINZS (SISPR 22 Class B, ASINZS (SISPR 24, ASINZS 60950, ASIACIF S002 TT: TR.21 (Basic Level); Ut. 60950 (power adapter) TT: TR.24 (Basic Level); Ut. 60950 (power adapter)	Digital Signaling	PRI, SS7, MFC/R2
Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone		
Media Encryption SRTP, TLS, HTTPS, SSH	Network Protocols	
Media Encryption SRTP, TLS, HTTPS, SSH Advanced Defense FailZban, alert events, Whitelist, Blacklist, strong password based access control Physical Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A; Physical Unit Weight: 2.165 kg; Package Weight: 3.012 kg Dimensions 440mm(L) x 185mm(W) x 44mm(H) Environmental Operating: 32 - 113°F / 0 ~ 45°C, Humidity 10 - 90% (non-condensing) Mounting Rack mount & Desktop Additional Features English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UJ; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 - BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA,	Disconnect Methods	Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone
Advanced Defense Fail/2ban, alert events, Whitelist, Blacklist, strong password based access control	Security	
Universal Power Supply	Media Encryption	SRTP, TLS, HTTPS, SSH
Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A; Physical Unit Weight: 2.165 kg; Package Weight: 3.012 kg Dimensions 440mm(L) x 185mm(W) x 44mm(H) Operating: 32 - 113°F / 0 ~ 45°C, Humidity 10 - 90% (non-condensing) Storage: 14 - 140°F / -10 ~ 60°C, Humidity 10 - 90% (non-condensing) Mounting Rack mount & Desktop Additional Features English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UJ; Customizable NRIvoice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 8 bridges, up to 64 simultaneous conference attendees Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. Compliance FCC: Part 15 (CFR 47) Class B, Part 68 CE: ENS5022 Class B, ENS5024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) Tit TIA-968-B Section 52.4	Advanced Defense	Fail2ban, alert events, Whitelist, Blacklist, strong password based access control
Dimensions	Physical	
Dimensions	Universal Power Supply	Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A;
Environmental Operating: 32 - 113°F / 0 ~ 45°C, Humidity 10 - 90% (non-condensing) Storage: 14 - 140°F / -10 ~ 60°C, Humidity 10 - 90% (non-condensing) Mounting Rack mount & Desktop Additional Features English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. Compliance FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/N/ZS CISPR 22 Class B, AS/N/ZS CISPR 24, AS/N/ZS 60950, AS/ACIF S002 ITU-T K-21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Physical	Unit Weight: 2.165 kg; Package Weight: 3.012 kg
Mounting Rack mount & Desktop Additional Features English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITI-JT IX-968-B Section 5.2.4	Dimensions	440mm(L) x 185mm(W) x 44mm(H)
Additional Features English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Environmental	
English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Mounting	Rack mount & Desktop
for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Additional Features	
Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Multi-Language Support	for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek,
Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ work-load, in-queue announcement Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. Compliance FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Caller ID	Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan
Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Polarity Reversal/Wink	Yes, with enable/disable option upon call establishment and termination
Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Call Center	
Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Customizable Auto Attendant	Up to 5 layers of IVR (Interactive Voice Response)
Call Features Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc. FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Maximum Call Capacity	Up to 2000 registered SIP endpoints, up to 200 concurrent calls
Compliance FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Conference Bridges	Up to 8 bridges, up to 64 simultaneous conference attendees
CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4	Call Features	Call park, call forward, call transfer, DND, DISA, ring group, pickup group, blacklist, paging/intercom etc.
	Compliance	CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4