

Serving the Hospitality Industry with Advanced IP and Analog Telephony Solutions Worldwide

SSP-2110-S

SSP-2210-S

1 or 2 Lines SIP Phone



- Full duplex speakerphone.
- 10 customizable service dials.
- Message waiting indicator.
- Faceplate with customizable hotel logo.

AEi brings cutting-edge telephony solutions to the most prestigious hotels and resorts worldwide. Our feature rich telephones exceed the expectations of the most demanding hoteliers with high quality, impeccable workmanship and stylish products.

At AEi your satisfaction is our priority.





AEi- Corporate Office

Millbrae, California U.S.A Sales: +1.650.552.9416 sales@aeicommunications.com

AEi- CALA Office

Lima, Peru Sales : +51.9.8257.6251 cala@aeicommunications.com AEi- Asia Pacific Office

New Taipei City, Taiwan Sales: +886.2.2696.8809 asiapac@aeicommunications.com

AEi- EMEA Office

London, United Kingdom Sales:+44 (0)1753.643736 emea@aeicommunications.com AEi- Southern Asia Office

Penang, Malaysia Sales : +604.3994341 so.asia@aeicommunications.com

AEi- CEE&CIS Office

Budva, Montenegro Sales : +3826981251 eastern.europe@aeicommunications.com

1. Features

Dial keys Line keys Line1, Line2 with red/green color LED Function keys Function keys Conference, Hold, Redial, Mute, Speaker, Message, Volume up/down, 10 Service dial keys Phone Features One or Two Lines Message key with message waiting indicator 3-Way Conference(2210 only) Call Hold and resume Mute and Resume Oisplay Contents Talking time IP Address IP Address IP Address Firmware Version Auto provisioning via TFTP Phone remote resetting G, 3-711 (a-law, μ-law) Network Protocol Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP Security MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF Voice Quality Voice Quality Time In Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Tones Network Protocol Jitter buffer/PLC Tones Red Color message waiting indicator For ringing and message waiting indica	Keys		2210	2110	
Phone Features Phone	•	Dial keys	(0~9, *, #)	(0~9, *, #)	
Speaker, Message, Volume up/down, 10 Service dial keys Phone Features Phone Feat	•	Line keys	Line1, Line2 with red/green color LED	NA	
Phone Features Phone Features One or Two Lines Message key with message waiting indicator 3-Way Conference(2210 only) Call Hold and resume Mute and Resume Mute and Resume Talking time IP Address MAC Address M		Function keys	Conference, Hold, Redial, Mute,	Hold, Redial, Mute, Speaker,	
Phone Features Message key with message waiting indicator 3-Way Conference(2210 only) Call Hold and resume Mute and Resume Talking time IP Address Mac Address Mac Address Mac Address Mac Address Matup provisioning via TFTP Phone remote resetting Codec Network Protocol Network Protocol SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF Voice Quality Voice Quality One or Two Lines Handset, Speaker and ringer volume control Redial last call Red color message waiting indicator for ringing and message waiting indicator for ringing and message waiting SIP Register Status Firmware Version Failed Network link Warning Firmware upgrade via TFTP Phone status monitoring system Firmware upgrade via TFTP Static IP, DHCP Client Static IP, DHCP Client TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC			Speaker, Message, Volume up/down,	Message, Volume up/down, 10	
 Message key with message waiting indicator 3-Way Conference(2210 only) Call Hold and resume Mute and Resume Mute and Resume Red color message waiting indicator for ringing and message waiting indicator for ringing and message waiting SIP Register Status Firmware Version Failed Network link Warning Firmware upgrade via TFTP Phone remote resetting G.711 (a-law, μ-law) Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP V2 (RFC3261) Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC 			10 Service dial keys	Service dial keys	
• 3-Way Conference(2210 only) • Call Hold and resume • Mute and Resume • Mute and Resume • Talking time • IP Address • MAC Address • MAC Address • Web GUI • Phone remote resetting • Codec • Network Protocol • Network Protocol • SIP V2 (RFC3261) • Security • Web login authentication (RFC 2069/ RFC2617) • TLS 1.2 • CNG: Comfortable noise generator • Condec Code Code Code Code Code Code Code Code	Phone Features •	One or Two Line	es •	10 programmable service dials	
Call Hold and resume Mute and Resume Talking time IP Address MAC Address Mate Auto provisioning via TFTP Phone remote resetting Codec Network Protocol Network Protocol SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF Voice Quality Call Hold and resume Redial last call Red color message waiting indicator for ringing and message waiting SIP Register Status Firmware Version Failed Network link Warning Firmware upgrade via TFTP Phone status monitoring system Static IP, DHCP Client Static IP, DHCP Client ToS / VLAN IEEE 802.1 p/q SIP V2 (RFC3261) Security In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	•	Message key with message waiting indicator •		Handset, Speaker and ringer volume	
 Mute and Resume Red color message waiting indicator for ringing and message waiting Easy Administration Web GUI Auto provisioning via TFTP Phone remote resetting G.711 (a-law, μ-law) HTTP server ToS / VLAN IEEE 802.1 p/q SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC Red color message waiting indicator for ringing and message waiting indicator for ringing and message waiting SIP Register Status SIP Register Status Firmware Version Failed Network link Warning Firmware version Failed Network link Warning Failed Network link Warning Failed Network link Warning SIP Failed Network link Warning SIP Failed Network link Warning Failed Network link Warning Firmware Version SIP Acid Network link Warning SIP SIP Question SIP SIP Question Static IP, DHCP Client 	•	3-Way Conference(2210 only)		control	
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Display Contents I Talking time IP Address IP Address MAC Address MAC Address Firmware Version Failed Network link Warning Firmware upgrade via TFTP Auto provisioning via TFTP Phone remote resetting Codec G.711 (a-law, μ-law) Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	•	Mute and Resume		Red color message waiting indicator	
 IP Address MAC Address Failed Network link Warning Firmware version Failed Network link Warning Firmware upgrade via TFTP Phone remote resetting G.711 (a-law, μ-law) Phone remote resetting G.711 (a-law, μ-law) HTTP server Static IP, DHCP Client ToS / VLAN IEEE 802.1 p/q SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC 				for ringing and message waiting	
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 Auto provisioning via TFTP Phone status monitoring system Phone remote resetting G.711 (a-law, μ-law) Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC 	•	MAC Address	•	Failed Network link Warning	
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Codec Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	 Auto provisioning via TFTP 		ng via TFTP •	Phone status monitoring system	
Network Protocol HTTP server ToS / VLAN IEEE 802.1 p/q SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC		Phone remote r	esetting		
ToS / VLAN IEEE 802.1 p/q SIP SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	Codec •	G.711 (a-law, µ-law)			
SIP V2 (RFC3261) Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	Network Protocol	HTTP server	•	Static IP, DHCP Client	
Security Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RFC2617) TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC		ToS / VLAN IEE	E 802.1 p/q		
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 TLS 1.2 DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC 	Security •	Web login authentication for web setup			
DTMF In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	•	MD5 for SIP au	thentication (RFC 2069/ RFC2617)		
Voice Quality CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC	•	TLS 1.2			
 Echo canceller: LEC / AEC Jitter buffer/PLC 	DTMF •	In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976)			
Jitter buffer/PLC	Voice Quality •	CNG: Comforta	ble noise generator		
	•	Echo canceller:	LEC / AEC		
Tones ◆ Ring back tone (local), Busy tone, Dial tone	•	Jitter buffer/PLC			
	Tones •	Ring back tone	(local), Busy tone, Dial tone		
	/				



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Lima, Peru Sales : +51.9.8257.6251 cala@aeicommunications.com

AEi- Asia Pacific Office

New Taipei City, Taiwan Sales : +886.2.2696.8809 asiapac@aeicommunications.com

AEi- EMEA Office

London, United Kingdom Sales : +44 (0)1753.643736 emea@aeicommunications.com

AEi- Southern Asia Office

Penang, Malaysia Sales : +604.3994341 so.asia@aeicommunications.com

AEi- CEE&CIS Office

Budva, Montenegro Sales : +3826981251 eastern.europe@aeicommunications.com

2. Hardware Specifications

Display

16 x 2 dot matrix LCM with backlight

LED Indications

Line keys, Conf/Hold, Mute, Speaker keys, and Message waiting indicator

RJ45 10/100 Mbs: LAN port x 1, PC port x1; DC jack x 1, RJ9 Handset jack x 1

Power

PoE: IEEE 802.3af

AC adaptor: Input: 100 ~ 240 VAC, Output: 5.9V / 1A (optional)

Jacks Ethernet cable

Size and Weight

Dimensions:227mm(L) x158mm(W) x 141mm(H), Weight: 905g

3. Regulatory	USA		EU	
EMI	FCC Part 15B	EN55032		
Safety		EN 60950-1		
EMC		EN55024	EC61000-4-4	
		EN61000-3-2	EC61000-4-5	
		EN61000-3-3	EC61000-4-6	
		IEC61000-4-2	EC61000-4-8	
		IEC61000-4-3	EC61000-4-11	
RoHS	Comply with directive 2002/95/EC RoHS (as amended by commission decision 2005/613/EC)			
Temperature	 Storage: Low temperature at -10°C 	High temperatu	ure at +60°C	
	 Operating Low temperature at 0°C 	High temperatu	ure at +40°C	

Model:

SSP-2110-S

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