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VoIP Codec Uebersicht

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Opus codec support

WARNING: opus codec is listed here as an experimental feature, without production-grade support at the moment! Due to limited memory, the opus codec is not available for D120.

iLBC codec support

LIMITATION: If incoming SDP has different ptime (eg. ptime=30) than the configured ptime (e. g., Packet Size=20), the behaviour is undefined. To prevent this, please make sure the phone is configured with correct ptime.

Supported Codecs on D305, D315, D345, D375, D385, D712, 715, 725, D745, D765 and D785

Vorlage: MenuHeadingwidth :5%;" SDP Name	Vorlage: MenuHeadingwidth :5%;" Setting Name	Vorlage: MenuHeadingwidth:5%;" Fmt	Vorlage: MenuHeadingwidth :5%;" Rate	Vorlage: MenuHeading :5%;" Ptime 10ms
G722	g722		16000	20px
PCMU	pcmu		8000	20px
PCMA	pcma		8000	20px
x-msrta	msrta-nb	bitrate=11800	8000	20px
x-msrta	msrta-wb	bitrate=29000	16000	20px
x-msrta	msrta	bitrate=11800	8000	20px
opus	opus-wb	maxplaybackrate=16000	48000	20px
opus	opus-nb	maxplaybackrate=8000	48000	20px
opus	opus		48000	20px
AMR	amr-0		8000	20px
AMR	amr-1		8000	20px
AMR	amr-2		8000	20px
AMR	amr-3		8000	20px
AMR	amr-4		8000	20px
AMR	amr-5		8000	20px
AMR	amr-6		8000	20px
AMR	amr-7		8000	20px
AMR-WB	amrwb-0		16000	20px
AMR-WB	amrwb-1		16000	20px
AMR-WB	amrwb-2		16000	20px
AMR-WB	amrwb-3		16000	20px
AMR-WB	amrwb-4		16000	20px
AMR-WB	amrwb-5		16000	20px
AMR-WB	amrwb-6		16000	20px
AMR-WB	amrwb-7		16000	20px
AMR-WB	amrwb-8		16000	20px
AMR-WB	amrwb		16000	20px

GSM	gsm		8000	20px
G723	g723		8000	20px
G726-16	g726-16		8000	20px
G726-24	g726-24		8000	20px
G726-32	g726-32		8000	20px
G726-40	g726-40		8000	20px
AAL2-G726-16	aal2-g726-16		8000	20px
AAL2-G726-24	aal2-g726-24		8000	20px
AAL2-G726-32	aal2-g726-32		8000	20px
AAL2-G726-40	aal2-g726-40		8000	20px
G729	g729	annexb=no	8000	20px
G729	g729-annexb=no	annexb=no	8000	20px
G729	g729-annexb=yes	annexb=yes	8000	20px
G729	g729-no-fmtp		8000	20px
G729A	g729-annexb=no	annexb=no	8000	20px
G729A	g729-annexb=no		8000	20px
ilbc	ilbc-30	mode=30	8000	20px
ilbc	ilbc-20	mode=20	8000	20px
CN	cn		8000	20px
CN	cn-wb		16000	20px
telephone-event	telephone-event	0-15	8000	20px
telephone-event	telephone-event-0-16	0-16	8000	20px
telephone-event	telephone-event-no-fmtp		8000	20px

Default Codec List: g722,pcmu,pcma,gsm,g723,g726-32,aal2-g726-32,g729,telephone-event

Supported Codecs on D120

Vorlage: MenuHeadingwidth :5%;" :5%;" SDP Name	Vorlage: MenuHeadingwidth :5%;" Setting Name	Vorlage: MenuHeadingwidth :5%;" Fmtp	Vorlage: MenuHeadingwidth :5%;" Rate	Vorlage: MenuHeadingwidth :5%;" Ptime 10ms	V : 2
G722	g722		16000	20px	2
PCMU	pcmu		8000	20px	2
PCMA	pcma		8000	20px	2
GSM	gsm		8000	20px	2
G723	g723		8000	20px	2
G726-32	g726-32		8000	20px	2
AAL2-G726-32	aal2-g726-32		8000	20px	2
G729	g729	annexb=no	8000	20px	2
G729	g729-annexb=no	annexb=no	8000	20px	2

G729	g729-annexb=yes	annexb=yes	8000	20px	2
G729	g729-no-fmtp		8000	20px	2
G729A	g729-annexb=no	annexb=no	8000	20px	2
G729A	g729-annexb=no		8000	20px	2
CN	cn		8000	20px	2
CN	cn-wb		16000	20px	2
telephone-event	telephone-event	0-15	8000	20px	2
telephone-event	telephone-event-0-16	0-16	8000	20px	2
telephone-event	telephone-event-no-fmtp		8000	20px	2

Default Codec List: g722,pcmu,pcma,gsm,g723,g726-32,aal2-g726-32,g729,telephone-event

Supported Codecs on D335, D717 and D735

Vorlage: MenuHeadingwidth :5%;" SDP Name	Vorlage: MenuHeadingwidth :5%;" Setting Name	Vorlage: MenuHeadingwidth:5%;" Fmtp	Vorlage: MenuHeadingwidth :5%;" Rate	Vorlage: MenuHeading :5%;" Ptime 10ms
G722	g722		16000	20px
opus	opus-wb	maxplaybackrate=16000	48000	20px
opus	opus-nb	maxplaybackrate=8000	48000	20px
opus	opus		48000	20px
PCMU	pcmu		8000	20px
PCMA	pcma		8000	20px
GSM	gsm		8000	20px
G723	g723		8000	20px
G726-32	g726-32		8000	20px
AAL2-G726-32	aal2-g726-32		8000	20px
G729	g729	annexb=no	8000	20px
G729	g729-annexb=no	annexb=no	8000	20px
G729	g729-annexb=yes	annexb=yes	8000	20px
G729	g729-no-fmtp		8000	20px
G729A	g729-annexb=no	annexb=no	8000	20px
G729A	g729-annexb=no		8000	20px
ilbc	ilbc-30	mode=30	8000	20px
ilbc	ilbc-20	mode=20	8000	20px
CN	cn		8000	20px
CN	cn-wb		16000	20px
telephone-event	telephone-event	0-15	8000	20px
telephone-event	telephone-event-0-16	0-16	8000	20px

telephone-event	telephone-event-no-fmtp	8000	20px
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Default Codec List: g722,pcmu,pcma,gsm,g723,g726-32,aal2-g726-32,g729,telephone-event