




# Overview of innovaphone VoIP gateways

	IP6010	IP3011	IP811	IP411
				
Interfaces	4 x PRI 1 x BRI 2 x Fast Ethernet	1 x PRI 2 x Gigabit Ethernet	5 x BRI 2 x Gigabit Ethernet	2 x BRI 2 x FXS 2 x Gigabit Ethernet
Voice channels	60	30	10	6
Loop-in operation	Yes	No	Yes	No
PBX support*	Recommended for "all in one box" - PBX and UC installations up to 500 users	Recommended for "all in one box" - PBX and UC installations up to 500 users	Recommended for "all in one box" - PBX and UC installations up to 200 users	Recommended for "all in one box" - PBX and UC installations up to 50 users
Compact Flash and Flash Disk support	Compact Flash Card slot 32 Mbyte Flash	1 Gbyte Flash Disk 32 Mbyte Flash	1 Gbyte Flash Disk 32 Mbyte Flash	128 Mbyte Flash Disk 32 Mbyte Flash
SSD slot	No	Yes, inside	Yes, inside	Yes, inside
Linux Application Platform	Yes	Yes	Yes	Yes
Conference Unit	60	30	10	0
Ethernet	2 x Fast Ethernet RJ45 (Modular Jack 8P8C) 10/100 Base-TX (Auto Negotiation) "Power over Ethernet" according to IEEE 802.3af, Class 3	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az
Codecs	G.711 A-law / $\mu$ -law G.729 AB G.723.1 VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support	G.711 A-law / $\mu$ -law G.723.1 G.729AB Opus VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support	G.711 A-law / $\mu$ -law G.723.1 G.729AB Opus VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support	G.711 A-law / $\mu$ -law G.723.1 G.729AB Opus VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support
Protocols	H.323 & SIP multiprotocol T.38 (fax)	H.323 & SIP multiprotocol T.38, G.711 (fax)	H.323 & SIP multiprotocol T.38, G.711 (fax)	H.323 & SIP multiprotocol T.38, G.711 (fax)
Order number	01-06010-002	01-03011-001	01-00811-001	01-00411-001

\* The innovaphone PBX has 100% the same functionality and features on all supported devices. The configuration interface on all boxes is <http://>

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	IP311	IP38	IP0011	IP1130
				
Interfaces	4 x FXO 2 x FXS 2 x Gigabit Ethernet	8 x FXO 1 x Ethernet	2 x Gigabit Ethernet	1 x PRI 2 x Gigabit Ethernet
Voice channels	6	8	0	30
Loop-in operation	No	No	No	No
PBX support*	Recommended for "all in one box" - PBX and UC installations up to 50 users	Restricted	Empfohlen für strukturierte PBX- und UC-Installationen bis 25.000 Teilnehmer (ggf. in Kombination mit weiteren Gateways)	No (pure media gateway)
Compact Flash and Flash Disk Support	128 Mbyte Flash Disk	16 Mbyte Flash	1 Gbyte Flash Disk 32 Mbyte Flash	32 Mbyte Flash
SSD slot	Yes, inside	No	Yes, inside	No
Linux Application Platform	Yes	No	Yes	No
Conference Unit	0	0	0	30
Ethernet	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az	1 x Ethernet: 10/100-Base-TX (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 1	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az	2 x Gigabit-Ethernet: 1000-Base-T (Auto Negotiation), RJ45 (Modular Jack 8P8C) "Power over Ethernet" according to IEEE 802.3af, Class 3 Energy Efficient according to IEEE 802.3az
Codecs	G.711 A-law / $\mu$ -law G.723.1 G.729AB Opus VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support	G.711 A-law / $\mu$ -law G.729AB VAD, CNG Dynamic Jitter Buffering Echo Compensation: G.168 Data modem support	-	G.711 A-law / $\mu$ -law G.723.1 G.729AB Opus VAD, CNG Dynamic Jitter Buffering Echo Kompensation: G.168 Modemsupport
Protocols	H.323 & SIP multiprotocol T.38, G.711 (fax)	H.323 & SIP multiprotocol T.38 (fax)	H.323 & SIP multiprotocol T.38, G.711 (fax)	H.323 & SIP multiprotocol T.38, G.711 (fax)
Order number	01-0311-001	01-00038-001	01-00011-001	01-01130-001

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