IP1130 Technical Data EN

From innovaphone-wiki

Contents

Illustration

Technical Data

innovaphone IP1130

Media Gateway for one ISDN PRI interface plus reverse proxy and SBC functionalities

Firmware

Device operated with Version 11r2sr10 or higher

Housing

Size: 210 x 134 x 32 mm

one height unit (HU) for 19” systems

Weight: 1050 g

Interfaces

1 x PRI-interface (S2M): for connection of ISDN-PRI-trunkline, use on E1 or T1 lines, RJ-45 (modular Jack 8P8C), TE or NT mode operation, Clock accuracy 5 ppm

2 x Gigabit Ethernet: 1000-BASE-T (auto negotiation), RJ-45 (modular Jack 8P8C)

„Power over Ethernet“ according to IEEE 802.3af, Class 3

Energy Efficient according to IEEE 802.3az

Hardware

Power supply: Power over Ethernet according to IEEE 802.3af, Class 3

800 MHz CPU, 0.25 GB RAM, 32 MB Flash

recommended ambient working temperature: 0 °C to +45 °C

Humidity: 10% to 90% (not condensed)

Storage temperature: -10 °C to +70 °C

Digital Signal Processor (DSP) for up to 30 voice/audio conference channels

Soft Conferencing (without DSP) for up to 30 voice / conference channels G.711a/u-law (from V13r1sr13)

Fifteen channels for the innovaphone faxserver using T.38 or via G.711. In case of G.711, each faxtransmission consumes 2 DSP channels.

Voice Codecs

G.711 A-law / μ-law,

G.722,

G.723.1 (5.3),

G.729A and

Opus-NB

incl. VAD (Voice Activity Detection), CNG (Comfort Noise Generation)

Dynamic Jitter Buffering

Echo cancellation according to G.168

Modem support

Generic Features

generic features innovaphone gateways

Device specific licenses

- IP29-X & IP38: all hardware licenses included.
- IP311: all hardware licenses included, can be extended with up to 5 additional PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP411: all hardware licenses included, can be extended with up to 5 additional PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP511: all hardware licenses included, can be extended with up to 10 additional PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP811: can be equipped with up to 5 BRI (01-00500-002), 10 Relay Channels licenses (01-00500-004, mandatory per used ISDN channel) or 10 PBX Channels licenses (02-00020-007) and can be extended with up to 10 additional PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP0011: can be extended with up to 30 PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP1130 & IP3011: can be equipped with up to 1 PRI (01-00500-003), 30 Relay Channels licenses (01-00500-004, mandatory per used ISDN channel) or 30 PBX Channels licenses (02-00020-007) and can be extended with up to 30 PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP6010: can be equipped with up to 4 PRI (01-00500-003), 1 BRI (01-00500-002) and 60 Relay Channels licenses (01-00500-004, mandatory per used ISDN channel) or with 60 PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP0013: can be extended with up to 60 PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IP6013: can be equipped with up to 4 PRI (01-00500-003) and 60 Relay Channels licenses (01-00500-004, mandatory per used ISDN channel) or with 60 PBX Channels licenses (02-00020-007) for Soft Conferencing.
- IPVA: can be extended with up to 100 PBX Channels licenses (02-00020-007) for Soft Conferencing.

Order number

01-01130-001

CE-Declarations

Conformities

Applies to IP6010:

- EN 55022/AC: 2011-10
- EN 55024:2010-11
- EN 60950-1:2006-04 + A1:2010-03 + A11:2009-03 + A12:2011-02

Applies to IP38:

- EN 55022:2010 + AC:2011(Class B)
- EN 55024:2010
- EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
- EN 61000-3-2:2006 + A1:2009 + A2:2009
- EN 61000-3-3:2008

Applies to IP311, IP411, IP811, IP0011, IP1130, IP3011, IP29-2, IP29-4, IP29-8:

- EN 55022:2010 + AC:2011(Class B)

- EN 55024:2010
- EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

Applies to IP511:

- EN 55024:2010 + A1:2015
- EN 55032:2016
- EN 61000-4-2:2009
- EN 61000-4-3:2006 + A1:2008 + A2:2010
- EN 61000-4-4:2004
- EN 61000-4-5:2006
- EN 61000-4-6:2009

Applies to IP29-20:

- EN 55032:2016
- EN 61000-4-2:2009
- EN 61000-4-3:2011
- EN 61000-4-4:2013
- EN 61000-4-5:2019
- EN 61000-4-6:2014

Applies to IP0013, IP6013:

- EN 55032:2015
- EN 61000-4-2:2009
- EN 61000-4-3:2006 + A1:2008 + A2:2010
- EN 61000-4-4:2012
- EN 61000-4-5:2014
- EN 61000-4-6:2014

Applies to IP811-maritime, IP29-8-maritime:

- DNV GL (Certificate No: TAA0000252 (http://www.innovaphone.com/redirect.php?url=https%3A%2F%2Fapprovalfinder.dnvgl.com%2F%23approval%2FTAA0000252))

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