



## IP-LTE Gateway for voice and data

- » Two independent, simultaneously usable call channels for medium call volume
- » 4K and 8K 19" solution for high call volume
- » VoLTE capability
- » VPN access (WireGuard)
- » SIP trunk and SIP proxy functionality
- » Manufacturer independent IP-PBX compatibility
- » Backup solution for voice and internet connections (simultaneous)
- » Internet access via LTE (backward compatibility given)
- » Up to 150 Mbit/s download speed
- » Up to 50 Mbit/s upload speed
- » Available in the following versions:
  - » IP Basic LTE 2K in a wall-mounted housing
  - » IP Basic LTE 2K, 4K, 8K in 19" housing 1U



## Technical data

### Dimensions:

185 x 80 x 45 mm (2K)  
486 x 44 x 260 mm (2K, 4K, 8K 19")

### Weight:

ca. 270 g (2K)  
ca. 2.200 g (2K, 4K, 8K 19")

### Supply voltage:

6 – 60 V DC (2K)  
230 V AC (2K, 4K, 8K 19")

### Power consumption:

max. 0,9 A (2K)  
max. 1,8 A (2K, 4K, 8K 19")

### Temperature:

-25 – 40°C (interior)

### Antenna connections:

2 x 50 Ohm impedance on SMA connectors (FME connectors)  
n x 50 Ohm impedance on SMA connectors (19" devices)

### Interfaces:

1 x RJ45 10/100 MBit/s LAN port

### Supported protocols:

TCP, UDP, IP, RTP, HTTP, NTP

### VoIP:

SIP, T.38, SRTP

### Supported Codecs:

G.711 a-law/μ-law - G.722

## Applications

The IntrinEx IP Basic LTE enables existing communication infrastructures to become VoIP-capable and to realize the convergence of the various communication networks – fixed network, mobile network, VoIP.

Various connection-optimized hardware devices ensure project- and market-specific requirements being individually addressed. Equipped with 2 – 8 channels for the parallel establishment of voice and data connections (or simultaneous establishment within one channel), the IntrinEx IP Basic LTE enables access to the latest IP technology.

Supporting SIP proxy, the IntrinEx IP Basic LTE can be used with up to 100 IP extensions, which in turn can be grouped together. The SIP trunk functionality allows connecting an IP-enabled PBX.

With its extensive package of additional features, the IntrinEx IP Basic LTE can be integrated into almost any application scenario. Administration is carried out via a web interface.

The administrator can change and manage all settings independently, as well as retrieve, save and export all connection data in common file formats.

## Features

- » Up to 10 Sip Trunks and 100 IP extensions
- » VoLTE
- » Real multichannel capability
- » Transfer of voice, data and textmessages
- » Flexible and redundant SIP-, LTE-, UMTS-, GSM-Routings
- » Basic Router features
- » Integrated Firewall
- » Routing per target number or network operator
- » Direct dialling to extensions
- » Call redirection to various extensions
- » Programmable per caller ID
- » Selective call barring for incoming and outgoing calls
- » Return Call Handling
- » Webbased GUI
- » Fallback solution for data connections (WWAN)
- » Time of day via NTP or mobile network
- » CDR (Call Detail Records)
- » Online FW updates
- » Standard for 2K: integrated antenna combiner (2 antennae instead of 4)

### SIP Proxy features

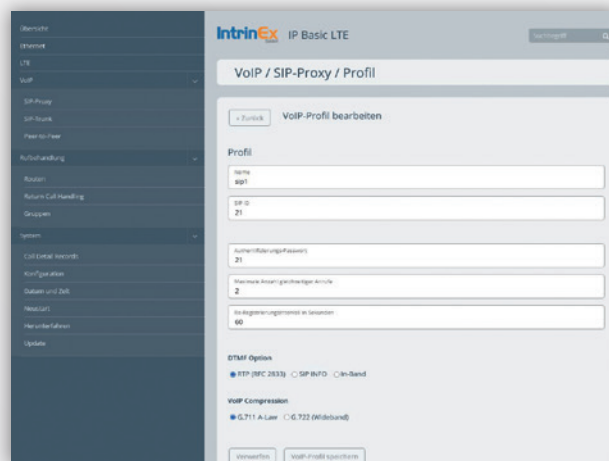
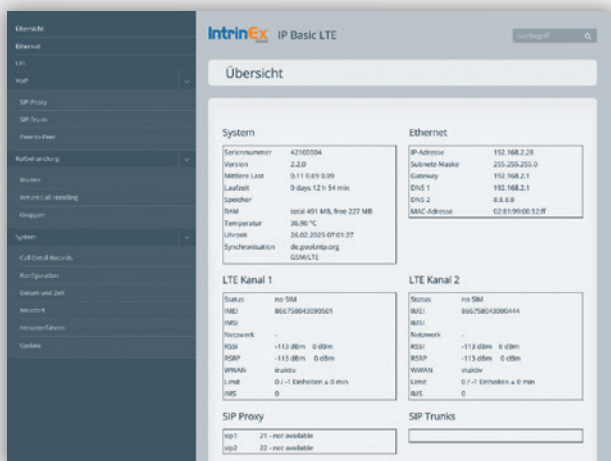
- » Standard:  
10 extensions, 4 groups, 4 Trunks
- » Option:  
up to 100 extensions, 20 groups, 10 trunks  
(license fee)

### Options

- » 19" devices in 230V oder 12V
- » Antenna combiner to reduce number of antennae for 4- und 8-channel devices
- » Separate status monitor (signal strength, logged-on operator, online status of the extensions)
- » Tunneling (WireGuard as client or as server)
- » Separate WAN interface
- » WiFi
- » SIM server (30 oder 120 SIM cards)
- » Central Management for larger installations
- » Available without active chinese components on request
- » Various antenna solutions for different scenarios
- » User defined functions can be implemented in the software upon request



## IP BASIC



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