

[PRODUCT SHEET]

Product: Ascom IP-DECT gateway
Efficient connection of PBX to LAN
Web-based management
Automatic synchronization of access points and gateways
Capacity to support communication and power requirements of 16 legacy DECT base stations



ASCOM IP-DECT GATEWAY – EXPERIENCE IP TELEPHONY WITH DECT SECURITY

Your previous investments in DECT technology can easily be integrated into your Local Area Network (LAN) and become IP-DECT, using the Ascom IP-DECT gateway.

Enhancing the enhancement

With the Ascom IP-DECT gateway, existing DECT systems - connected to either radio exchanges (REX) and/or PBX - can be upgraded with IP telephony functionality in a secure radio environment

It is also possible to swap out REX systems entirely using the IP-DECT gateway, which effectively eliminates REX space and maintenance costs.

Your current investments are secure

The IP-DECT gateway is compatible with all currently available and previous Ascom legacy DECT base stations. Similarly, the IP-DECT gateway is backwards compatible with previous Ascom handsets and applications.

Equally important, the IP-DECT gateway provides integrated monitoring of non-Ascom DECT systems to ensure voice and messaging quality.

Easy installation, integration and expansion

Installing the IP-DECT gateway is stress-free, with subsequent upgrades handled centrally via a web-based interface. Additionally, if an IP-DECT gateway ever needs to be replaced, this can be handled without restarting the entire system.

Covering large service areas with remote locations is no problem with the IP-DECT Gateway, and does not require building a separate LAN with extra switches.

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IP-DECT gateway technical specifications		
Versions <ul style="list-style-type: none"> IPBL IP-DECT Gateway VAC/ VDC (110/230VAC / 48VDC) IPBL IP-DECT Gateway VDC (48VDC) 	DECT Base Station Maximum distance between the IPBL and a DECT Base Station is 1500 m. Supported legacy DECT base station: BS330, BS340, KRCNB 301 03, KRCNB 301 04, KRCNB 302 01, KRCNB 201 03	Compliance to US and Canadian regulations and standards Safety: CSA/UL 60950-1 EMC/Radio: FCC Part 15 (Class B) and ICES-003.
Physical Dimensions (h x w x d): 43,6 x 483 x 352 mm Weight: 4,7 kg Material: Steel Colour: Beige External connectors <ul style="list-style-type: none"> 2 x RJ45, 10BASE-T/100BASE-T ethernet interface 2 x RJ45, Sync Ring I/O interface 2 x RJ45, Reference Sync I/O interface 16 x RJ45, ISDN UPN DECT base stations interface 	Voice over IP and voice encoding Voice over IP: <ul style="list-style-type: none"> H.323 version 4 incl. H.225, H.235, H.245 H.450 with H.450.1, H.450.2, H.450.3, H.450.4, H.450.6, H.450.7, H.450.8 and H.450.9 SIP with RFC 1889, RFC 2327, RFC 2396, RFC 2617, RFC 2782, RFC 2833, RFC 2976, RFC 3261, RFC 3262, RFC 3263, RFC 3264, RFC 3265, RFC 3311, RFC 3325, RFC 3326, RFC 3420, RFC 3515, RFC 3555, RFC 3680, RFC 3842, RFC 3891 and RFC 3892 draft-ietf-sip-privacy draft-levy-sip-diversion Voice encoding: <ul style="list-style-type: none"> G.711 A-law / μ-law (64kbps) G.723.1 (5.3 kbps) G.729A and AB (8 kbps) G.726 (32 kbps) 	Compliance to European regulations and standards EU directives: 1999/5/EC (R&TTE) Safety: EN 60950-1 Radio: TBR10 and TBR22 EMC: EN 300386-2, EN 301489-1, EN 301489-6, EN 61000-3-2, EN 61000-3-3, EN 61000-4-11 and EN 61000-4-29 Product marking: EC Declaration of Conformity can be found at: http://www.ascom.com/ws/products_ws.htm
Power Operating voltage: 110/230 VAC (100 - 240 VAC), 48 VDC (42 - 56 VDC) Power consumption: Max 210 W (VAC), Max 250 W (VDC) Power dissipation: Approx. 15 W	Environmental Operating temperature: 0°C to +40°C Storage temperature: -40°C to +85°C Relative operating humidity : 15 to 90%, non condensing Relative storage humidity : 5 to 95%, non condensing Immunity to electromagnetic fields: 10 V/m (EN61000-4-3) Immunity to ESD: 6 kV contact discharge and 8 kV air discharge (EN61000-4-2)	Compliance to Australian regulations and standards Safety: IEC 60950-1 Radio: ACA TS 028 Product marking:

To learn more about how a customized Ascom solution can improve your enterprise visit www.ascom.com/ws