

# R&S®LANCOM DECT N610 IP

Professional DECT base station for R&S®LANCOM SD-WAN VoIP gateways for up to 8 DECT handsets



The R&S®LANCOM DECT N610 IP base station is the ideal solution for small and medium-sized enterprises to integrate DECT handsets. Once connected to R&S®LANCOM SD-WAN VoIP gateways, setup and configuration are automatic. The base station registers up to 8 DECT handsets and assigns them their individual phone numbers. The R&S®LANCOM DECT N610 IP combines wireless telephony with HD voice quality.

- ▶ Easy integration into networks via R&S®LANCOM SD-WAN VoIP gateways
- ▶ Auto-provisioning of the base station via the R&S®LANCOM router
- ▶ Use of up to 8 DECT handsets
- ▶ 8 calls in parallel
- ▶ Telephony with highest voice quality
- ▶ Powered by Power over Ethernet or power supply unit
- ▶ Recommended DECT handsets: Gigaset SL800 PRO, SL750H PRO, S700H PRO, R700H Pro, S650H PRO, R650H PRO, R630H PRO (other DECT handsets supporting the GAP standard can be used with reduced features)

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## Easy network installation

Fitting seamlessly into the overall solution, the R&S®LANCOM DECT N610 IP is the ideal DECT base station for telephony infrastructures. R&S®LANCOM SD-WAN VoIP gateways support the operation of ISDN, analog, and VoIP devices in parallel with DECT devices.

## Auto-provisioning via the base station

The R&S®LANCOM DECT N610 IP is an easy-to-use and time-saving solution for the setup and configuration of DECT handsets. The base station connects directly to the Ethernet port of the R&S®LANCOM SD-WAN VoIP gateway. The Voice Call Manager in the router recognizes the base station and enables the central management of the mobile handsets connected to it. DECT users can be conveniently registered with the base station via a configuration wizard.

## Use up to 8 DECT handsets

Once connected to a R&S®LANCOM SD-WAN VoIP gateway, the R&S®LANCOM DECT N610 IP supports up to 8 DECT handsets and assigns individual phone numbers to them.

## 8 call in parallel

The R&S®LANCOM DECT N610 IP supports up to 8 calls in parallel, which makes it ideal for versatile communication in small and medium-sized enterprises.

## Telephony with the highest voice quality

If all of the participating networks and devices support HD voice, the Voice Call Manager in the R&S®LANCOM SD-WAN VoIP gateway delivers excellent quality of speech via the R&S®LANCOM DECT N610 IP. HD Voice provides an improved audible presence for all of the participants who use DECT.

## Powered by PoE or power supply unit

By supporting Power over Ethernet (PoE), the R&S®LANCOM DECT N610 IP operates at a R&S®LANCOM PoE switch even at long distances away from the nearest power outlet. The base station can be freely positioned to supply the best possible DECT coverage. Alternatively, a power supply unit can be used.

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| Technical details                                    |  |
|--|--|
| <b>Supported devices</b>                             | <ul style="list-style-type: none"> <li>▶ Business VoIP routers: R&amp;S® LANCOM 1900 series, R&amp;S® LANCOM 2100EF, R&amp;S® LANCOM 17x3 series, R&amp;S® LANCOM 1803 series, R&amp;S® LANCOM (R)88x series, R&amp;S® LANCOM R903, R&amp;S® LANCOM ISG series</li> <li>▶ Business VPN routers with All-IP enabled: R&amp;S® LANCOM 1800 series, R&amp;S® LANCOM 17x0 series, R&amp;S® LANCOM 1650E</li> </ul> |
| <b>Recommended mobile handsets*</b>                  | <ul style="list-style-type: none"> <li>▶ Gigaset SL800H Pro</li> <li>▶ Gigaset SL750H Pro</li> <li>▶ Gigaset S700H Pro</li> <li>▶ Gigaset R700H Pro</li> <li>▶ Gigaset S650H Pro</li> <li>▶ Gigaset R650H Pro</li> <li>▶ Gigaset R630H Pro</li> </ul>  |
| <b>*) Note</b>                                       | Other DECT handsets supporting the GAP standard can be used with reduced features.   |
| VoIP   |  |
| <b>Number of local VoIP numbers / mobile handset</b> | max. 8   |
| <b>Number of simultaneous VoIP connections</b>       | Up to 8 (5 for HD voice) voice channels in parallel  |
| <b>Codecs</b>  | G.711 , G.722, G.729, DTMF (Inband, RFC2833, SIP-INFO)   |
| <b>Media protocols</b>                               | SIP, RTP   |
| <b>QoS</b>   | DiffServ marking of signaling (SIP) and media streams (RTP)  |
| Interfaces   |  |
| <b>LAN</b>   | 10/100 Mbps, auto node hub, PoE compliant with IEEE 802.3af  |
| <b>DECT</b>  | <ul style="list-style-type: none"> <li>▶ Frequency range: 1.88 to 1.90 GHz (EMEA)</li> <li>▶ DECT EN 300-175 X</li> <li>▶ DECT wireless transmission up to 300m in the open and 50m in buildings</li> </ul>  |
| Management and monitoring                            |  |
| <b>LANconfig/web interface</b>                       | Manual configuration with LANCOM's configuration tool or the web interface   |
| <b>LANmonitor</b>                                    | Monitoring application for Microsoft Windows for (remote) surveillance and logging of the status of R&S® LANCOM devices and connections.   |
| <b>Firmware update</b>                               | Update via web interface (HTTP/S)  |
| Hardware   |  |
| <b>Dimensions</b>                                    | 180 mm x 110 mm x 42 mm (length x width x height)  |
| <b>Weight</b>  | 0,49 lbs (220 g)   |
| <b>LED display</b>                                   | 2 LEDs for status display  |
| <b>Power supply</b>                                  | 12V 1000mA, Power over Ethernet, compliant with IEEE 802.3af   |
| <b>Environment</b>                                   | For indoor use (IP20), maximum temperature range 5-45° C; humidity 20–75%; non-condensing  |
| <b>Mounting</b>                                      | Wall or ceiling mounting   |
| Declarations of conformity*                          |  |
| <b>CE</b>  | EN 50566:2017, IEC 62368-1:2014/AC:2015, EN 301 489-1 V2.2.3, EN 301 489-6 V2.2.1  |
| <b>*) Note</b>                                       | You will find all declarations of conformity in the products section of our website at <a href="http://www.lancom-systems.com">www.lancom-systems.com</a>  |

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| Scope of delivery        |   |
|--------------------------|---|
| Power supply             | External power adapter (230V), NEST 12 V / 1.0 A DC/S |
| Support                  |   |
| Warranty extension       | 2 years   |
| Item number(s)           |   |
| R&S® LANCOM DECT N610 IP | 61926   |

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