

Extend the Power of Your Communications Infrastructure with DAKSeco

DAKSeco is the cornerstone to cost effectively extend the value of your existing communications infrastructure to meet mission-critical communication requirements.

DAKSeco empowers you to choose the hardware platform and feature set that best align with your organization's needs, operational scenarios and budget. The DAKSeco software suite includes a feature set that consists of broadcasts and alert notifications with integrated emergency conferencing, meet-me conferences, LAN and serial interfaces, digital inputs and outputs along with browser-based administration. This comprehensive feature set makes DAKSeco the ideal solution for a wide range of industries, including healthcare, education, manufacturing, corporate campuses, and more.

DAKSeco is available on two cost-effective hardware platforms:

- ◆ **DAKSeco 110:** A compact tabletop unit supporting 5 to 10 channels for PBX or softswitch connectivity. Ideal for small-scale, focused deployments with tight budget constraints.
- ◆ **DAKSeco 200:** A 1U 19" rack-mountable unit with scalable capacity from 5 to 30 channels. Start small and expand as needed, or deploy mid-sized capacity from the outset for small to medium-sized broadcasts and conferences.



Powerful Broadcasting and Conferencing Capabilities

With its flexible broadcasting and conferencing features, DAKSeco delivers reliable, communication solutions tailored to your operational demands.

Broadcast Calls

- ◆ Up to 1,000 call groups (100 included in the basic package)
- ◆ Up to 25 internal and/or external destinations per broadcast call (phones, e-mail addresses) with 3 priority levels and parallel or sequential dialing
- ◆ Random dialing within a priority level and cross-call priority control
- ◆ High-priority broadcasts interrupt low-priority processes for maximum capacity
- ◆ Configurable voice or text output, e.g. OAP, Mitel OM-AXI, Gigaset AML, Spectralink messaging, DAKS Mobile Client, DAKS Desktop Client
- ◆ Settings for broadcast call members, e.g. dialing parameters, success criterion, confirmation, priority, function groups

- ◆ Settings for broadcast call groups, e.g. ID, activation code, dialing parameters, follow-up calls, fixed number of subscribers to be reached, result e-mail
- ◆ Conference call connecting initiator and called subscribers, also as panic conference (muted voice channel to the initiator)

Conferences

- ◆ Up to 10 different conferences
- ◆ Emergency conference activation via broadcast call, phone meeting point or Meet-Me conferences for dial-in participants.
- ◆ Setting options for each conference, e.g. ID, announcements, timeouts, number of dial-in conference participants

Seamless Integration. Maximum Value.

With a wide range of interfaces to seamlessly integrate into your existing infrastructure, DAKSeco enhances communication efficiency and information flow without straining your budget. Implementation is fast, straightforward and hassle-free—so you can start seeing results right away. Take the next step in mission-critical communications. Deploy DAKSeco today.

Feature/Hardware Detail	DAKSeco 110 <i>based on DAKS-110 hardware</i>	DAKSeco 200 <i>based on DAKS-200 hardware</i>
Housing/Dimensions	Desktop unit (6.5" x 4.13" x 1.77")	19" server (1U) for rack installation
Number of parallel telephone channels	5 to 10	5 to 30
Telecom connectivity technology	VoIP trunking (encrypted/unencrypted)	
Signaling protocols	QSIG, CorNet-NQ, SIP, SIP-Q, NI2	
Voice codecs	G.711 A-law or μ -law	
Computer / operating system	64-bit ARM Cortex-A53 with Linux [®] operating system	2 processor cores: ◆ core 1 with μLinux™ operating system ◆ core 2 with Linux™ operating system
Mass storage <i>device for program, data, licenses, reports and voice announcements</i>	Pluggable industrial grade microSD card	Pluggable industrial grade CompactFlash card
LAN interface <i>for VoIP, VCON service access, administration via browser and peripheral connectivity via ESPA-X, Syslog, NTP, SNMP and printer reports</i>	1x 10/100/1000 Base-T (GbE) (1 IP address)	2x 10/100 Base-T (2 IP addresses) ◆ optionally one or two LAN connections ◆ VoIP separately if needed
Digital inputs & outputs	Built into the device: ◆ 16 digital inputs (monitored) ◆ 8 digital outputs ◆ 1 special relay output (normally open/normally closed), e.g. for last-error message Via USB gateway (IOG-03A): ◆ up to 32/64 digital inputs (monitored/non-monitored), also mixed ◆ up to 16 digital outputs	Built into the device: ◆ 1 special relay output (normally open/normally closed), e.g. for last-error message Via USB gateway (IOG-03A): ◆ up to 32/64 digital inputs (monitored/non-monitored), also mixed ◆ up to 16 digital outputs Via DAKS-Satellite (max. 5x), each with: ◆ 16 digital inputs (monitored) ◆ 8 digital outputs ◆ 1 special relay output
Serial ports	2x RS232/RS422/RS485 with ESPA 4.4.4/TAP protocol	
USB interface	1x (Type C)	1x (Type B)
Power supply	Via Power-over-Ethernet (PoE Class 3)	◆ Via two separate internal power supplies, optionally from 24/48 VDC or 115/230VAC; for redundancy purposes also in parallel ◆ In combination with an external AC/DC converter also supply from 2x 115/230VAC
Power consumption	Approximately 12 watts	◆ for AC: approx. 25 watts ◆ for DC: approx. 20 watts
Time synchronization	Via NTP	Via NTP, or optionally via DCR77 port on device (additional hardware required)