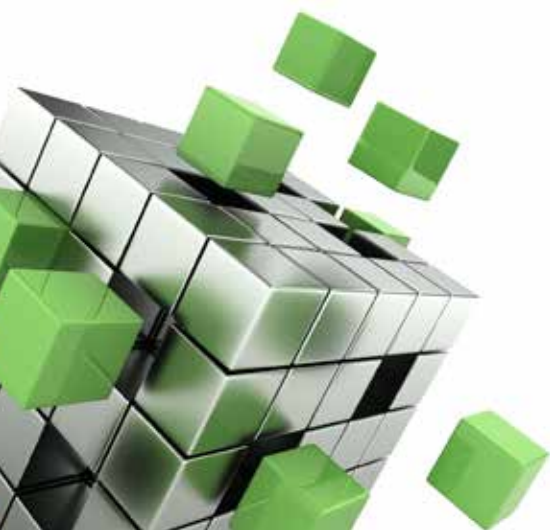# DAKSeco V3.0x

Last modified: 5. November 2020

Feature / hardware detail	DAKSeco 200
Housing/dimensions	19" housing (1U) for rack mounting
No. of telephone channels usable in parallel	5…30
TC network connectivity	• VoIP trunking (encrypted/unencrypted) • S_{2M}/E1/T1 trunking (1 port, only for North America) via plug-in print
Signaling protocols	QSIG, CorNet-NQ, SIP, SIP-Q, NI2
Voice codecs	G.711, A-law or μ-law
Computer and operating system	• Computer core #1 w/ μClinux™ operating system • Computer core #2 w/ Linux™ operating system
Mass storage for program, data, licenses, logs and announcements	plug-in CompactFlash card
LAN interfaces for VoIP, VCON servicing access, administration via browser and connection of peripherals via ESPA-X, Syslog, NTP, SNMP and printer protocol (Raw/Port 9001)	2x 10/100BASE-T (2 IP addresses) • optionally one or two LAN connections • VoIP separate, if desired
Serial RS232/RS422 ports (galvanically isolated) w/ ESPA 4.4.4/TAP protocol	2 ports built in
USB interface for initial start-up	yes
Log printer connectivity	optionally via LAN or via USB
Power supply	• via two separate internal PSUs, optionally from 24/48VDC or from 115/230VAC (also in parallel for redundancy purposes) • in conjunction w/ an external DC/AC converter also from 2x 115/230V
Power consumption	for AC: approx. 25 watts, for DC: approx. 20 watts
Digital I/O	built into the device: • 1 special relay output w/ NO/NC contact, e.g. for last-error message additionally up to 8 remote I/O modules via corresponding USB gateway, also mixed as needed: • either modules w/ 8 inputs w/o short-circuit and line-break detection and 2 outputs • or modules w/ 4 inputs w/ short-circuit and line-break detection and 2 outputs additionally DAKS-Satellite contacts, up to 16 inputs per DAKS-Satellite w/ short-circuit and line-break detection and up to 8 outputs
National approvals *(country codes as per ISO 3166)*	UL, FCC, CE and Australia RCM w/ the following country approvals: • All EU countries: AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK • The following non-EU countries: AR*, AU, CA, CO, CH, HK, ID, ME, MK, MY, NZ, PA, PH, RS, SG**, TR, US * Argentina: 48V variant only ** Singapore: Sale as an industrial product only Note: Fire Security and Life Safety features were not included in the UL test. *Last updated: 12-10-2020 – Country approvals are subject to change*

DAKS

… it's all about **responsibility!**

The Strengths of DAKSeco V3 at a Glance

- Connection to practically all telecoms systems, carrier networks or soft switches (VoIP unencrypted or encrypted)

- 5- to 30-channel ISDN or VoIP

- Connection to host data interfaces via 2 serial ports (RS232/422) and max. 5x ESPA-X

- USB contact I/O: max. 32/64x IN, 16x OUT + 1x special OUT

- Flexible broadcast call sequences in multitasking with priority control (100 or up to 1,000 broadcast call groups)

- Emergency conferences with dial-in for participants and phone-meeting points with dial-in option

- Broadcast call activation via contact inputs (with/without short-circuit and line-break detection), control panels, telephone, e-mail or host systems (serial via ESPA 4.4.4/TAP or LAN-based via ESPA-X) or SNMP traps

- Support of remote DAKS-Satellites in the LAN w/ contact I/O and serial I/O

- Alarms/notifications via telephone calls, DAKS Mobile Client (DMC), OAP messaging, e-mail, Aastra/Mitel messaging, Spectralink- XML-RPC/MSF-3 messaging or contact outputs with downstream acoustic or visual signaling devices

- 200 or up to 1,000 announcements from wave files or recorded via telephone

- Comfortable administration via browser (available languages: de / en)

- Extensive logging, audit-proof

- Security mechanisms for adaptation to special security requirements

- Particularly high availability and long service life, very low total cost of ownership (TCO)

DAKS

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