

SolidBank® 601 Blade AN-UK-SO

Digital voice recorder

for analogue and Basic ISDN lines and digital extensions



Automatic operation	Automatically records communication.
Lots of data	Up to 20.800 hours of data, depending on compression.
Remote management	Status and error signals are accessible via a web interface.
Alarm	SNMP capability.
Authorizing system	Multi level system with protection against unauthorised access.
Logging	Logs functions and user actions.
Service and support	Quick and efficient service as well as complete factory support.
Easy archiving	By using the optional FTP client.



From small- and medium-sized enterprises to big companies, from private sector and public organizations to armed forces and special services - now everyone can find the optimal digital voice recorder for their needs in the **SolidBank® 601** product family.

By utilizing the members of the product family, recording and retrieving transactions are simple and effective. The unique, non PC-based set-top box-type hardware and its software elements provide the maximum safety for all recorded data. All information hidden in calls is saved for the long-term; it can be replayed any time and can be used for any purpose from recording essential business data, to collecting marketing information or improving the quality of your workflow.

If required, complex SoliDLog® systems can be constructed by linking several voice recorders. For these systems we provide archiving and improved data-storage solutions. **SolidBank® 601 Blade AN-UK-SO** has been developed for recording analogue lines and Basic ISDN lines and two-wire digital extensions.



Recording

Flexible configuration - you can record the voice communication of 64 (2x32) channels maximum through two-wire digital extensions and analogue and Basic ISDN lines. One interface card can handle 8 channels. One rack can house 2x4 cards. Assorted signal sources can also be recorded. Extension is based on licensing. PRI ISDN (E1) can also be recorded on demand.

Severall startups - automatic startup at off-hook, signal-level or contact. The recorder can start and stop recording by evaluating digital signals and is able to receive CTI orders.

Voice documenting - storing additional data besides records, by which important information is recoverable and it is easier to retrieve certain conversations.

Compression - in cases of increased data flow the compress option can be employed to store eight times more data on the same storage place. Downloading time decreases when replaying compressed data.



Replaying

Accessibility - recorded calls and call-information can be accessed and managed by using a client-application or through the web by using a common browser.

Flexible search - by using the stored additional information it is possible to implement aimed search and with the help of specified parameters recordings can be filtered and listed as well. Filter conditions can be combined on demand to assist aimed search.

Exporting - after taking safety issues into consideration recorded data can be saved in several formats, enclosed and sent as an attachment; or published on the web.

Safety - this multi-level, flexible authorizing system can prevent unauthorized access. Every user is permitted to accomplish only pre-determined working processes.

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Voice recording specification

Interface card	AN (analogue)	UK (two-wire digital extension)	SO / TO (Basic ISDN)
Simultaneously recordable channels	64 (2x4 interface cards, 8 channels per card) Assorted configuration is also possible.		
Recordable sources	<ul style="list-style-type: none"> analogue telephone line analogue trunk analogue extension GSM adapter microphones, walkie-talkies other high and low level analogue signal sources 	Digital extensions of the following PBXs: AAstra (Ericsson), Alcatel-Lucent, Avaya, Bosch-Tenovis, Nortel, Panasonic, Siemens	Basic ISDN (ISDN2, SO) signal sources
Startup	voice level		-
	<ul style="list-style-type: none"> on-hook analogue radio: PPT and SQ signals 	Line protocol	Upon connection and disconnection (according to the signals of D-channel)
Ethernet: command over CTI			
Storage media	mirrorable 2,5" HDD		
Storage format (configurable per channel)	uncompressed: G.711 A-Law PCM (64 Kbit/s); compressed: Speex SPX (8 Kbit/s)		
Storage capacity	uncompressed: max. 2.600 h; compressed: max. 20.800 h		
Listing, replaying	10/100 Base-T Ethernet: <ul style="list-style-type: none"> web interface client application, Internet browser DSR EasyReplay application 		
Auxiliary information to help retrieving	<ul style="list-style-type: none"> phone number of extension and remote party call direction identifier of agent and client starting time and length of record 	<ul style="list-style-type: none"> channel identifier source of call transfer textual comment 	
Saving records to workstation	<ul style="list-style-type: none"> by using a browser by using DSR EasyReplay client 		
Alarm	<ul style="list-style-type: none"> alarm LED via the web interface via SNMP 		
Bandwidth	300...3400 Hz		300...3400 Hz
Signal / noise	> 45 dB		> 45 dB
Crosstalk over channels	< -70 dB		< -70 dB
Harmonic distortion	< 2 %		< 2 %

Technical data

Ethernet port	10/100 Base-T (RJ45) for management over network, service
Serial port	RS232 (9 pole DSUB) for maintenance functions
Power	100-240 V AC, 1.5A, 50-60 Hz, or 48 V DC
Power consumption	max. 80 W (depending on build)
Mechanical finish	19" rackable, Blade finish
Dimensions	3U high, 300 mm deep
Temperature	operating: +10...+40 °C / storage: -30...+60 °C
Humidity	operating: 10...90 % RH / storage: 5...95 % RH
Changes of temperature	operating: max. 20 °C/h / storage: max. 30 °C/h
Input connector	50 or 24 pole Centronics (AN-UK), RJ45 (Basic ISDN)



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