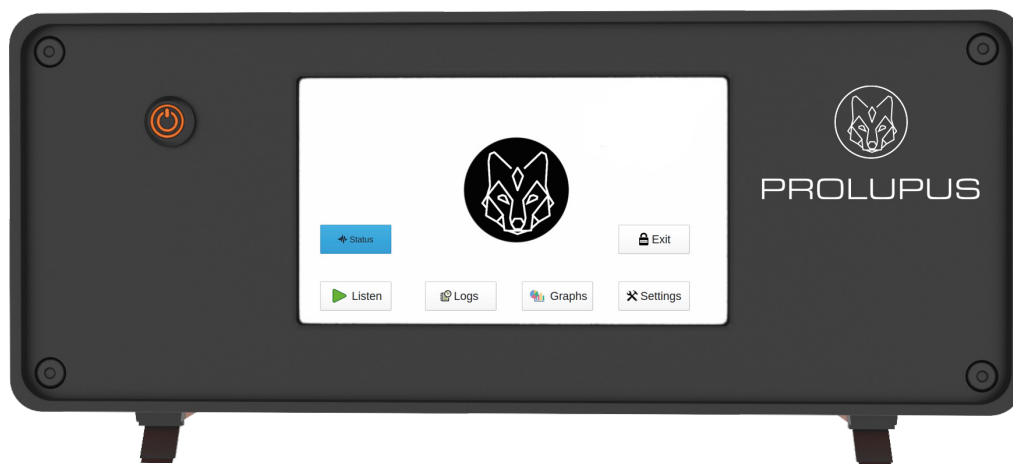


RADIO COMMUNICATIONS RECORDING SYSTEM (CR-DRS)

DO NOT TAKE ANY CHANCES



With an expandable capacity of up to 8 channels, the Prolupus CR-DRS records high-quality announcements from analog and digital radios. It has built-in radio receivers and does not require an external terminal, PC, or software, unlike other radio recorders. The device allows for real-time remote listening and can transcribe radio conversations and generate reports based on the user's preferences. The Prolupus CR-DRS Recording software runs optimally on the Linux operating system. Device management is possible via the front panel's 7-inch touch screen as well as through a web browser. Prolupus CR-DRS is a compact and professional solution for construction sites, shipyards, ports, and heavy industrial enterprises where occupational accidents are a risk. In addition to its plug-and-play feature, the device offers numerous features to best meet the user's audio recording needs.

RADIO INFRASTRUCTURE

It works with a wide range of radio infrastructures, both old and new. Depending on the demands of the user, channel capacity can be extended up to 8 channels.

NETWORK

All records can be accessed over the network thanks to robust network support. Over the network, live listening is possible. When connected to the Internet, it translates radio conversations into instant text. It sends channel and user reports to the provided addresses on a regular basis.

SECURITY

Access to the device can be authorized with 'admin' and 'user' accounts. Audio data is securely backed up and protected. Users' entry/exit to the system and their transactions are recorded in the log file.

USAGE AREAS

Mining Operations, Construction Sites, Factories, Private Security Services, Law Enforcement Forces, Port Operations, Aviation and Maritime Sectors, Railway Transportation, Municipalities

FEATURES

- Compatible with all radio systems
- 8-channel capacity
- Touch screen
- Digital recording
- Noise filtering
- Remote Access
- Cloud support
- Speech translation
- Alarm system integration
- Over https, you can get secure access to records.

LCD TOUCH SCREEN

The status of communication in channels can be viewed on the touch LCD panel in real time. The names of the channels and the timings of the recordings can be viewed. Recordings can be played (with options for Play/Pause/Stop/Fast Forward/Rewind), as well as channel and sound adjustments.

RECORDS

The date/time information, as well as the radio ID, are added to the recording data. According to the user's wish, recordings can be saved in a separate folder. The battery/UPS connection allows for continuous recording. The traffic on a channel can be monitored in real time. Different names might be assigned to the channels that will be recorded.

STATS AND GRAPHICS

Graphical representations of call traffic analysis and other analyses depending on user, channel, and date-time are available.

WARNING SYSTEM FOR ERRORS

The warning system shows prospective faults when the backup space on the disk is low or a software/hardware failure occurs.

GENERAL SPECIFICATIONS

Channel Capacity	8	
Band	VHF	UHF
Frequency	134-174 MHz	400-470 MHz
Compression Format	.wav and .mp3	
Operating System	Linux	
RAM	2 GB	
Screen	Capacitive Touch LCD 7"	
Screen Resolution	800x480	
USB	2.0	
Ethernet	10/100/1000 Mbps	
WiFi	IEEE 802.11b/g/n	
Audio Out	3.5mm Audio Jack	
Storage	1 TB	
Operating Voltage	100-240VAC	
Operating Frequency	50/60Hz	
Dimensions	360x160x330mm	
Operating Temperature	-20°C ~ +70°C	

FEATURES

- Recording from analog / digital radios
- Recording in UHF/ VHF bands
- Recording in wav and mp3 formats
- 8 channels simultaneous radio recording
- Internal storage media and up to 32,000 hours of high quality recording
- Expandable storage capacity
- Storage capacity alarm by e-mail (when disk capacity reaches 90%)
- Overwrite using the fifo method when storage is full
- Querying with date, user ID and channel information
- Playing completed recordings while recording is in progress
- Auto play forward from a selected recording
- Downloading recordings to an external disk plugged into the device or to a web-queried device
- Recording viewing using the touch screen on the device or using a web browser on mobile phone, tablet and computer
- Monitoring the recording status of all channels from a single screen
- Monitoring the recording information (channel information, date, user id) at the end of each recording
- Record progress time display in status window
- Channel-based, user-based, number of recordings and recording time based graphical statistics
- Recording start and end for digital radios, recording start and end with radio latching
- Detection of inactive radios within the defined time interval

OPTIONAL FEATURES

- Real-time remote listening and monitoring
- Real-time transcription of radio conversations (47 different languages support if the device is connected to the internet)
- Activating alarm systems with keywords by integrating with Prolupus Announcement System
- Supports RAID-I structure

RECEIVER

Digital Sensitivity	-117 @5% BER
Analog Sensitivity	-120 @12dB SINAD
Adjacent Channel Selectivity	62dB
Spurious Rejection	< -30dBm
Intermodulation	60dB
Analog Bandwidth	12.5 / 25 kHz
Digital Bandwidth	6.25kHz