

data Log®

de protect



WIRELESS ON-LINE SYSTEM FOR SAFETY & SECURITY SURVEILLANCE

Effective Security Solution

Airports
Ministries
Power Stations
Prisons
Oil Refineries
Naval Bases
Civil Defence
Police Stations

Banks
Embassies
Military Installations
Incineration Plants
Commercial Buildings



We Think Security

deister 
electronic

THE LARGEST RANGE OF ADVANCED SECURITY
SYSTEMS AVAILABLE FROM ANY MANUFACTURER TODAY



deister electronic GmbH, responsible for pioneering the first electronic verification system, has once again proved relentless in its latest technological breakthroughs in product development and production. Years of security experience and constant feedback from systems integrators led to the revolutionizing development of this innovative on-line wireless data collector with fully integrated functions.

The **de protect** meets the requirements for mobile data collection and real time transmission. Simple operation, and flexible, user-definable customization provides the utmost in security integrity.

The de protect Radio Data Collector



This collector automatically reads chip-coded checkpoints, stores the data, and transmits the information to the central station.

Temporary communication disruption is handled by an automatic, patented, radio dead-spot bridging circuit. To protect personnel, a motion sensor provides “man-down” alarm. An emergency call button summons help if needed. A built-in microphone facilitates communications, while providing hands-free listen-in feature automatically or by radio command from the central station. The quick connect cable assembly allows for flexibility and rapid replacement in the field. The unit can be interfaced to most commercial walkie-talkies with the proper auxiliary interface connectors.

KSC Checkpoint – For Total Concealment

KSC30



Contact-less readable
Checkpoints hold information in a passive microchip that needs no external electrical power and can be concealed or hidden behind any non-metallic material.

The Central Station

The brain of the system is the **WK 1204** radio interface and the **Online Patrol** software that runs on Windows 95, 98, NT, 2000, or XP. The WK1204 radio interface has been specially developed to cipher high security data encrypted data transmission between the Central Station and the **de protect** using state of the art modern communication media.

The Central Station provides optimum protection for personnel and equipment. The software monitors time, location and movement of the security team and activates various alarms if the need arises. The last known position is as important during an alarm condition as the reliance on a fall back position in the event of equipment failure in the field due to ambush or material defect.

The Online Patrol Software

This software offers real-time management and evaluation of data collected in the field, and is best suited for district/mobile drivers, or location guarding services. The software works as a standalone system, or with the **Master Patrol**, if in-depth evaluation and reports are required.

Radio Operation/Trucking System

The system may be operated in conjunction with commercial VHF (2m band) or UHF (70cm band); radio trucking radio systems, GSM via SMS data transfer, depending on the existing hardware.

Specifications

De protect	
Dimensions:	48x185x30mm
Weight	approx. 230g
Power	10mA stand-by
Memory	900 scans
Radio dead-spot bridging	40 scans
WK1204 Radio Interface	
Dimensions:	110x165x30mm
Operating Temperature	+10 to +50°C
Interface	1x RS 232 (optional:RS485)
	1x radio system
Optional inputs	2x opto coupler
Optional outputs	4x relay
LCD	LC-display 4 x 20
Power Supply	12VDC, 250 mA
Checkpoints	
KSC 30 Dimension	Ø 30x10mm

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