

# *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**

<b>De protect</b>	
Dimensions:	48x185x30mm
Weight	approx. 230g
Power	10mA stand-by
Memory	900 scans
Radio dead-spot bridging	40 scans
<b>WK1204 Radio Interface</b>	
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
<b>Checkpoints</b>	
KSC 30 Dimension	Ø 30x10mm

**We Think Security**

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