

HID-Direct E-LINE



DIRAK provides a user friendly and reliable method for monitoring access to server cabinets via electromechanical E-LINE swing-handles and master control software. With the E-LINE system, the user is able to:

- Monitor the entire access system to server cabinets from a single workstation.
- Lock all cabinets to prevent unauthorized access.
- Provide an automated documentation trail of all authorized and unauthorized attempts to access server cabinets.
- Provide on-going monitoring of server cabinet access. Monitoring capability is ready for team work and maintenance carried out in cabinets. Monitoring capabilities includes the detection of doors accidentally left open.
- Block authorized access for defined periods of time during data backups thus preventing inadvertent patching of data servers.
- Provide access to server cabinets even during power outages.
- Configure the software to protect particularly sensitive data by multiple authentications. This is accomplished by requiring authorization of two or more authorized users before granting access to server cabinets.
- Use compatible E-LINE products working in network with each other to ensure the optimum network structure, despite different local conditions.
- Forget about lost keys. The locking systems never need to be exchanged because the software can easily deny access to lost or stolen keys.
- The combination of different E-LINE products guarantees the most cost efficient solution for your application.

HID-Direct Integration

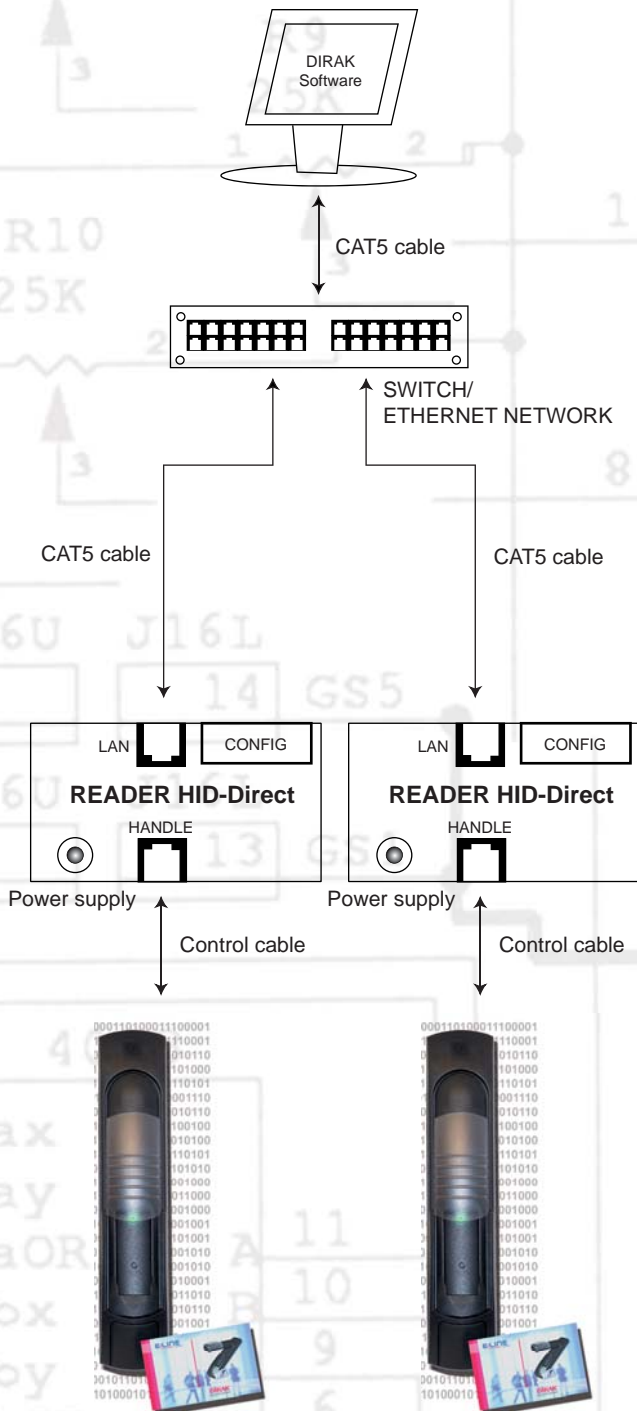
The HID-Direct system offers the capability to network several cabinets and doors based on an the TCP/IP network protocol. Every swinghandle is IP addressable and integrated directly into the network. Therefore the HID-Direct system is well suited for the integration of cabinets, which can be located in multiple geographical locations, rooms, or buildings.

Installation expenditure is minimized because of the linking of the system via TCP/IP.



Access control at the server cabinets

HID-Direct E-LINE



Handle Electronics

Two-piece hardware construction E-LINE Swinghandle and reader unit

Display

Multicolor status-LED

Reader

for 125 kHz transponder (HID 26 bit system)

Reader

Housing

Reader unit in plastic housing, mountable by screws or self-adhesive pad

Power supply

12 V ± 10% (DC) via low voltage jack

Standby current (system remains operative)

40 mA (DC)

Max. current consumption (at coupling pick-up, without X-port operation)

440 mA (DC)

Current increase via X-port

125 mA (DC)

RS232 interface

RS 232 line (RXD, TXD, GND, reader present, PC present), 38.400 Baud

Connector cable (reader-to-handle electronics)

8-pole, 200 cm, UL-stranded conductor AWG 26, 8-pole, 250 cm, UL-stranded conductor AWG 26, one-face contact with integral RJ45 plug, one-face contact with crimped JST ZH connector ZHR-8

Relay output (via terminal screws)

2.5 mm², threaded on plug-in side, relay contact: 12V, 3 A, 60 W, 120 VA, terminals 3 - 5

Door contact input (via terminal screws)

2.5 mm², threaded on plug-in side, terminal 1 and 2

TCP/IP interface

Ethernet, 10100 Autosense, up to 100 Mbaud

Memory for transponder cards

2000 cards + 1 master transponder

Memory for events

500 events

Memory for time profiles

30 profiles

Integrated real time clock

with buffering up to 60 min at 25°C (77°F)

Temperature range

-20°C ... +70°C (+4°F ...+158°F)

Technical changes reserved