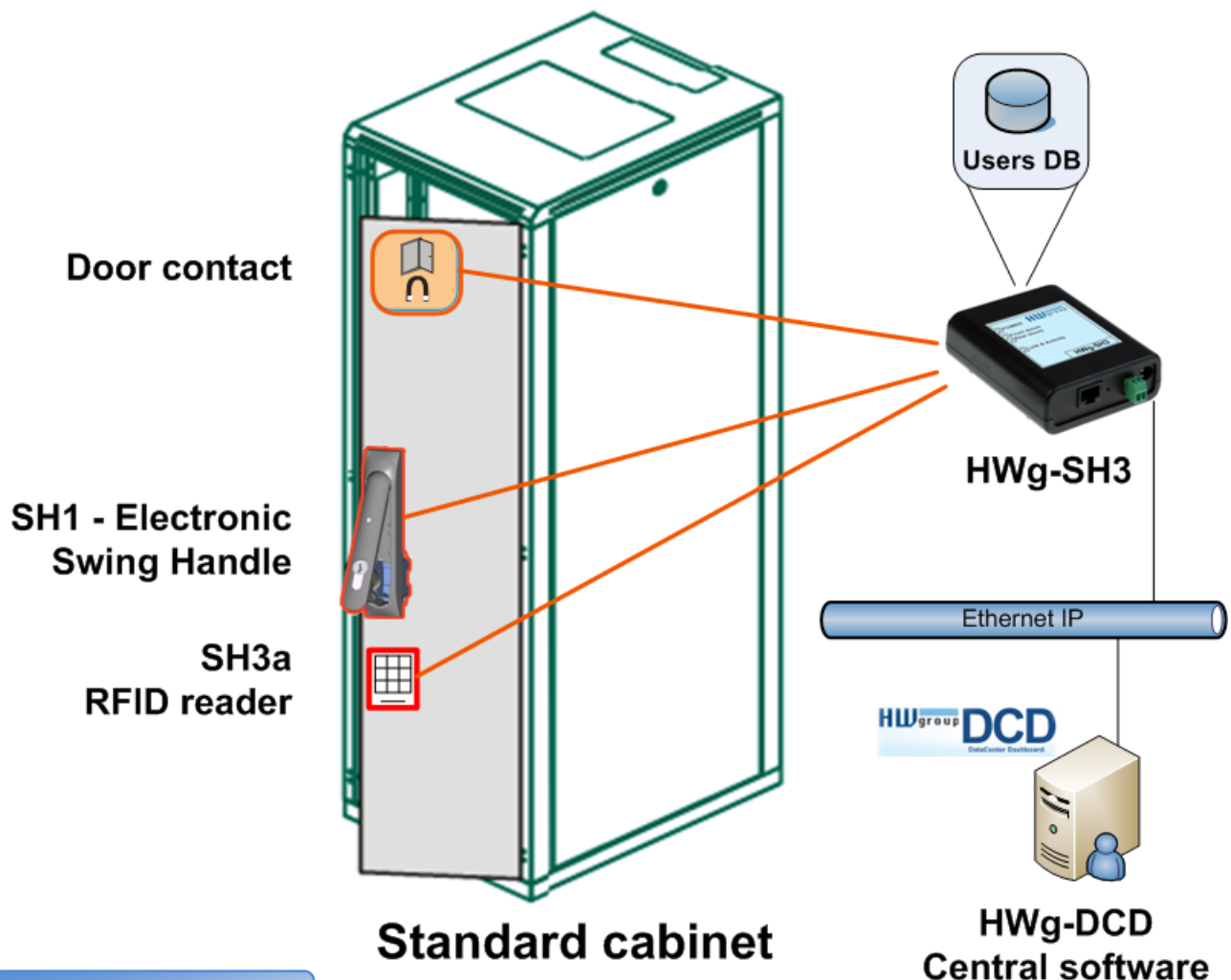# HWg-SH3

Swing handle cabinet access system with IP interface (WEB) & RFID with database

The HWg-SH3 unit is a standalone or networked solution for securing access to cabinets. Users card database stored in HWg-SH3 device, can be synchronized with central system.

- Native support for 2 electronic swing handles SH1.

- Internal database for 100 RFID cards. Can be used in offline mode without IP connectivity.
  Card database managed via embedded Website.

- Central access control application available (HWg-DCD Data Center Dashboard).

Door contact

Users DB

HWg-SH3

SH1 - Electronic Swing Handle

SH3a RFID reader

Ethernet IP

HWgroup DCD

HWg-DCD Central software

Standard cabinet

Solution benefits

- ✓ Now you know **who and when** was in your cabinet. And you know it **immediately**.
- ✓ **Manage RFID cards remotely** over the web or central software.
- ✓ Receive SMS or Email with every door opening or attempt to use an unknown card.
- ✓ **Open by**: SMS, RFID tag, DIN key, Web, or from operator command center

Features

- Controls two cabinet door swing handles

- Built-in WWW interface for configuring the unit and local access to the database

- **Online** / **Offline modes** available:

  1) **Online mode** requires a central application (HWg-DCD). Card database stored in SH3 along with central software.

  2) **Offline mode** uses an internal authorized card database. Access reported via Email / Syslog.

- Email alerts (Email-2-SMS service)

- Violence (vandalism) detection system

- Log file for all events

Parameters

- **Connected peripherals**
  - 2 Electr. swing handles SH1 (H3-EM)
  - 2 Door contacts (front / rear / side)
  - 1 RFID reader (RS-232)

- **Internal memory**: 100 / 2000 records

- **Communication**
  - WEB interface for setup & control
  - HWg-DCD protocol supported

- **Network Interface:** 10/100 Mbps
  - HTTP, NTP, SNMP, SMTP, Syslog

- **Power:** 12V / 0.5A
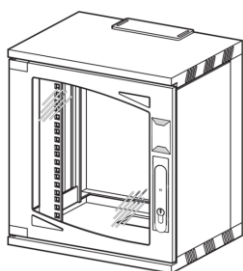
- **Dimensions:** 98 x 78 x 31 mm

Applications

- Remote cabinets (remote office)
- Remote sites (highways, BTS…)
- Secure access to datacenters / telco rooms
- Medical cabinets (medicaments storage)

Accessories

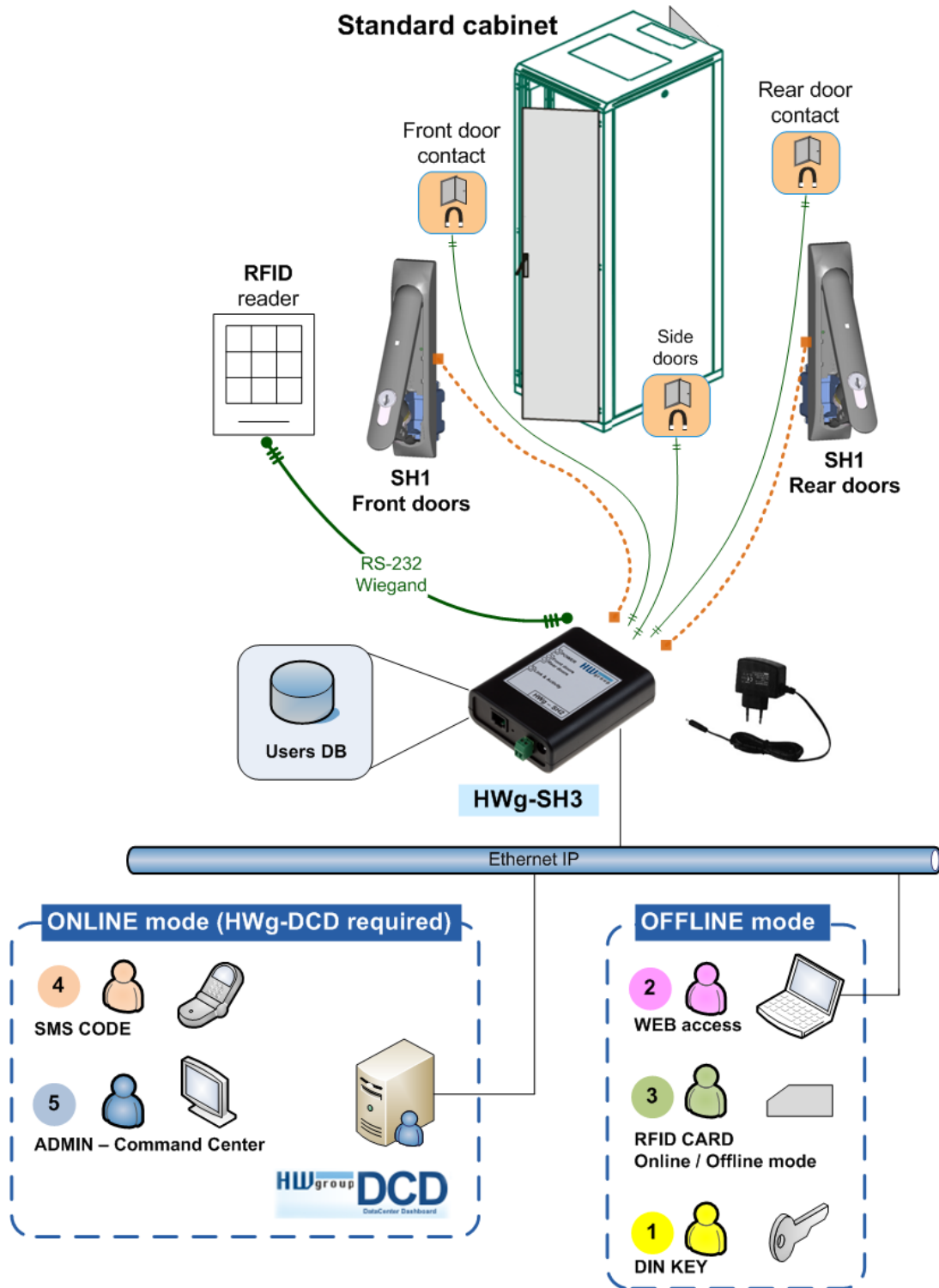| HWg SH1	HWg demo rack 10"	HWg-SH3	RFID reader SH3a	Power adaptor
600 358	600 395	600 402	600 410	600 080

Purchase codes

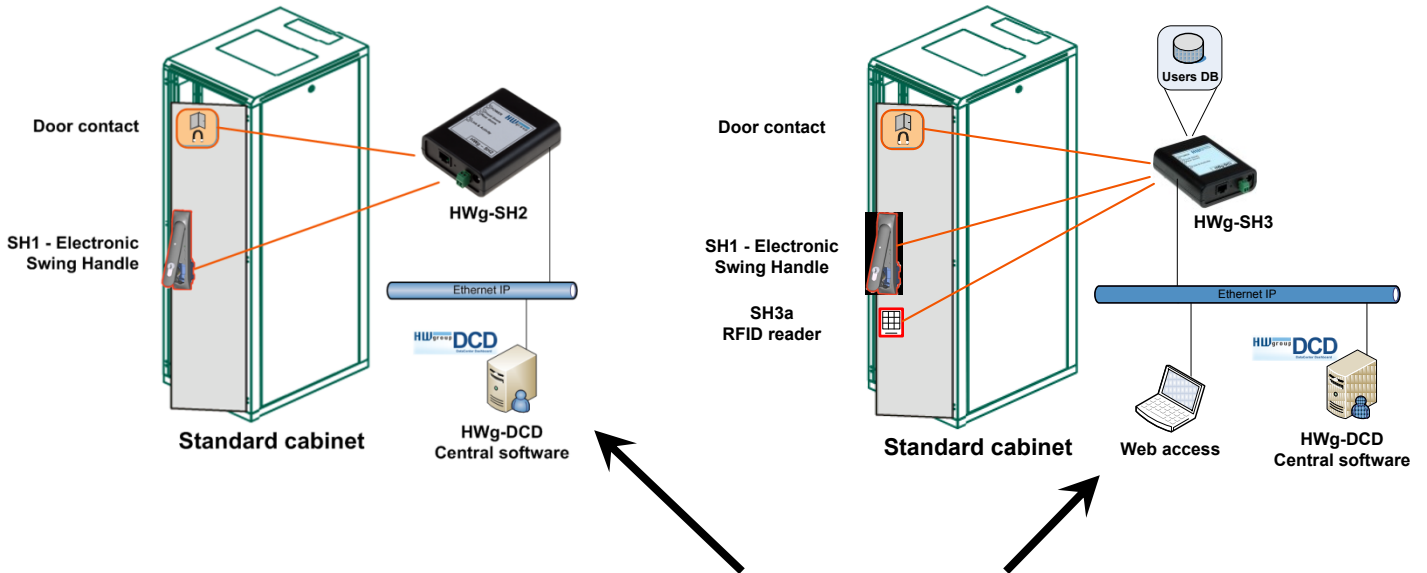| 600 425	HWg-SH3 set	**Recommended startup package** SH1 swing handle with cable, SH3 unit, RFID reader 232-W1, 2 RFID cards W1, Power adaptor & HWg-DCD software license
600 395	HWg demo rack 10"	HWg Access demo Rack 10" with RFID system and embedded WiFi AP. The best tool for sales & demonstration of rack access system.
600 358	HWg Swing handle SH1	Southco electronic swing handle (cutout 25 x 150 mm), 4m cable included
600 410	RFID reader 232-W1	RFID reader 42 x 77.5 mm with 3m cable
600 433	RFID card W1	One RFID card with printed HWg logo
600 402	HWg-SH3	SH3 plain model, without accessories

Online / Offline modes

Standard cabinet

Rear door contact

Front door contact

RFID reader

Side doors

SH1 Front doors

SH1 Rear doors

RS-232 Wiegand

Users DB

HWg-SH3

Ethernet IP

ONLINE mode (HWg-DCD required)

4) SMS CODE

5) ADMIN – Command Center

OFFLINE mode

2) WEB access

3) RFID CARD Online / Offline mode

1) DIN KEY

Access control with HWg-DCD	Access control – no software
1) DIN KEY	**1)** DIN KEY
2) WEB access	**2)** WEB access
3) Online mode: RFID card + DCD **Offline mode**: RFID card & SH3 database	**3)** RFID card (based on local SH3 database)
4) SMS code by any GSM phone	
5) ADMIN Command center (HWg-DCD)	

Comparison of HWg access control solutions

	HWg-SH2	HWg-SH3	Poseidon 4001
Device Web interface	✓	✓	✓
Swing handles + door contacts	✓	✓	✓
Environmental sensors	✗	✗	✓
M2M (SNMP, XML)	✗	✗	✓
External lock (dry contact input)	✓	✓	✓
RFID reader (RS-232 & Wiegand)	✗	✓	✓
Internal database of RFID cards	✗	✓	✗
Local GSM modem (RS-232)	✗	✗	✓
SMS access & alerts (with HWg-DCD)	✓	✓	✓
Command Center access	✓	✓	✓