

DL-1002

Standalone Intelligent Cabinet Door Lock Handle



MiFARE
Green LED

Proximity
Blue LED

Patented and Worldwide
Patents Pending



Cabinet level access security has become critically important for all data centers and server rooms. More and more IT managers have recognized this need and are upgrading their cabinets with smartcard access control. To meet the increasing needs, Synergy Global Technology Inc, offers the Intelligent Door Locks at affordable prices.



Key Benefits

>>> Designed for IT Branded Cabinets

DL-1002 is designed for the global IT branded cabinets. Its Universal Mounting Cut-out generally allows easy integration with most third party cabinets so costly & complicated door customization is not required.

>>> Affordable Price

A basic cabinet can be upgraded with Intelligent Door Lock Handle access control at an affordable price.

>>> Quality Products & Service Commitment

We are committed to providing high quality products and services. All purchases of our long life products with 2 years warranty standard can be upgraded to 5 years.

>>> Simple Components & D I Y Installation

The key hardware components for each cabinet just consists of a pair of Intelligent handles, two door sensors and cable accessories. The hardware installation is so easy that even the end-users can do it. Both Left and Right opening handle models are available.

>>> LED for Clear Lock Status Indication

Three LED color modes on the Intelligent handle indicate the lock status clearly. An authorized unlock is signaled by a silver white flashing LED. Unauthorized cabinet access will result in a red flashing LED following with an audible alarm while the handles are equipped with door sensors.

>>> Proximity & MiFARE Compatible

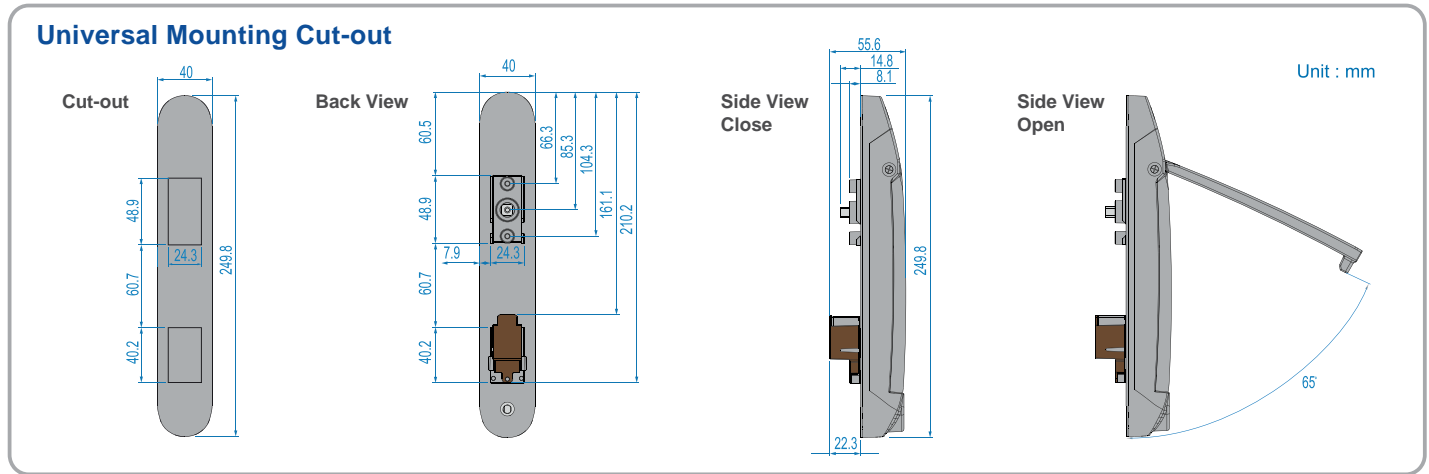
Compatibility issues between different access card standards are a major consideration when deploying an Intelligent Handle system. DL-1002 standalone series caters for the two most common card alternatives – the Proximity & MiFARE. User's existing card can be used on DL-1002 if it is in either of the above.

>>> Dual Card Authentication by Administrator and User Cards

DL-1002 offers an administrator card option to provide dual card authentication cabinet access. Unless the administrator card detects in advance, the Intelligent handle cannot be unlocked by the user card. The dual card authentication access makes sure that any authorization door opening is fully under the data center's monitoring.

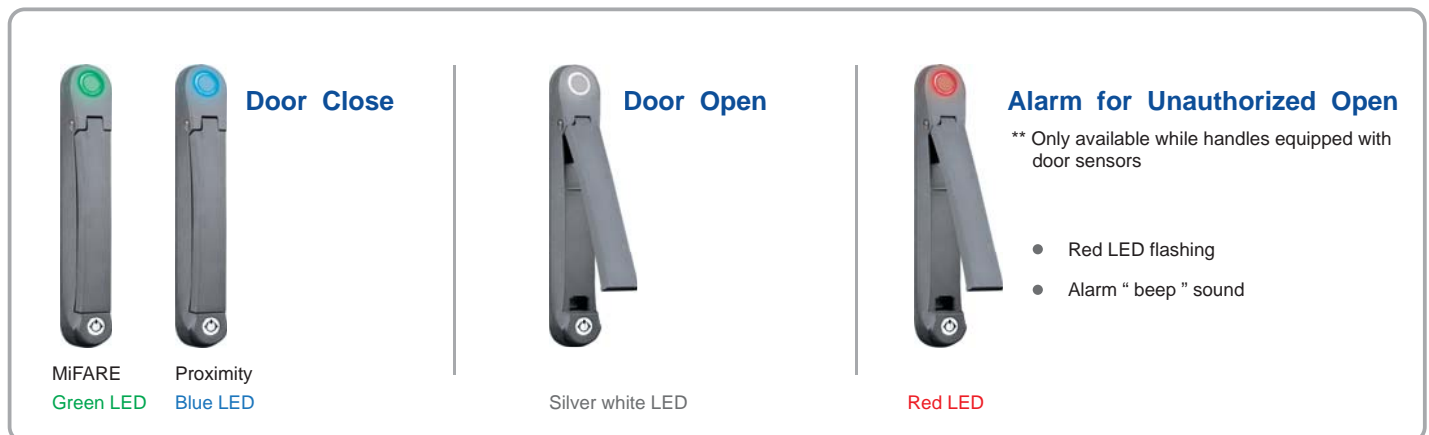
DL-1002

The patented Intelligent handle is an intelligent design with universal mounting cut-out. Recently, most global branded cabinets have applied a standard handle cut out dimension on the door. To achieve the highest level of interoperability offered in the cabinet industry, the DL-1002 handle also applies the same mounting dimension. It avoids costly and complicated door customization for the smartcard handle integration.



Handle LED for Lock Status Indication

The LED color on DL-1002 standalone Intelligent door lock handle provides the clear indication on the lock status. User can view the handle lock status just by LED handle colors.



Door Sensor

Optional door sensor is an essential item for alarm functions. User can be alerted by visual and audio alarm for unauthorized door opening.

Two door sensors are offered in order to suit different sensor integration scenarios.

(I) Inductive Door Sensor



- light weight / adhesive
- mini size (32.5 x 12.2 x 9.2 mm)
- no custom cutting required on doors
- easy for existing cabinet retrofit
- with 2m cord

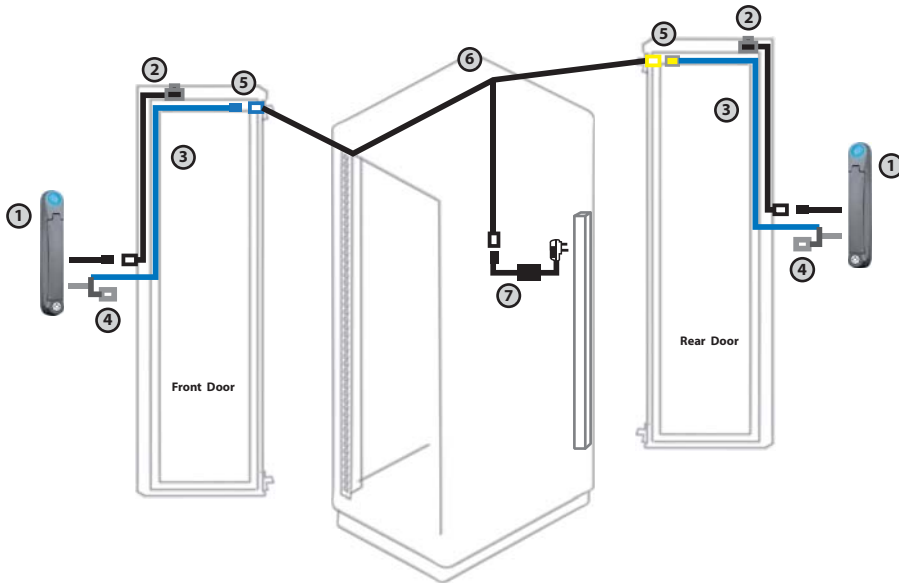
(II) Mechanical Door Sensor



- low cost / precise
- size (52 x 22.5 x 30.75 mm)
- cost efficient integration to new cabinet
- custom cutting required on doors
- with 2m cord

Quick Installation

DL-1002 installation is simple and quick - it just involves the smartcard handles, door sensors and easy cabling.



- ① DL-1002P Proximity or DL-1002M MiFARE smartcard handle :
2pcs for front & rear door, with cables to connect ② ③ ④
- ② Optional door sensor with cable : 2pcs for front & rear door (2m)
- ③ Power cable (door section) : 2pcs for front & rear door (2m)
- ④ Data input connector (for handle activation / data input / configuration)
- ⑤ Joint connector of ③ & ⑥
- ⑥ Y-Power cable (cabinet section)
- ⑦ Universal Auto switching 2.5A power adapter & 6' power cord

Free & User friendly Software

DL-1002 provides two user-friendly software free. **UTILITIES** is ideal for the initial setup and simple operation.

To look for relatively high requirements like the reporting feature and password security, **MANAGER** will be the one you should apply for.

Software Features	Utilities	Manager
Max. 500 pairs of handle		✓
Max. 50 user card authentication per handle	✓	✓
Dual or single card mode authentication **	✓	✓
Enable or disable door sensor detection **	✓	✓
Detailed user card information		✓
Reporting on configuration details		✓
Log in password		✓

** Optional feature

Utilities

Handle Information

Handle ID: SHID-01FD701BE8A
 Model no.: S-800P
 Type: Proximity
 Last updated: 2013 / 04 / 16 17:09

Handle Location

Zone: Demo_Zone_A
 Rack: Demo_Rack_A
 Handle position: Front Rear

Door Sensor

Disable Enable
Ensure you have ordered door sensors and finished the installation and connection. Otherwise, DO NOT enable door sensor as it will cause malfunction.

Card Access Mode

Normal (User card only)
 Dual card authentication (Administrator card + User card)

Apply Cancel Export Import

Status: Synchronizing data with handle [SHID-01FD701BE8A].....100%

Card Assignment (Max. 50)

Card ID	Card ID	Card ID	Card ID
1	00104531	26	00104558
2	00028155	27	00104599
3	10800074	28	00104781
4	00105208	29	00105310
5	10803508	30	10804577
6	10803513	31	10804567
7	10803512	32	10804598
8	00104532	33	10804599
9	10800077	34	00103511
10	00105308	35	00103519
11	00105209	36	00026151
12	00104534	37	00026152
13	10803353	38	00026153
14	10803325	39	00026157
15	00028155	40	00026161
16	00026158	41	10806778
17	10800088	42	10806779
18	10800079	43	10806888
19	00104452	44	10806887
20	00104623	45	00105533
21	00104618	46	00105539
22	00105311	47	00105536
23	00105671	48	00104533
24	00105569	49	00104538
25	00105566	50	10806867

Manager

SmartCard Handle

View

Setting

Event

Report

Backup

Restore

Help

User Manual

FAQ

Trouble shooting

Support

Event

[First](#) / [Previous](#)
 [1](#) 2 3 4 5 6 7 8 9 10
 [Next](#) / [Last](#)
 Last 2000 Events.

Date	Time	Event	Description
2013/04/12	18:19:23	Handle	Enable SHID-01FD162C77E Door Sensor
2013/04/12	18:19:22	Handle	Change SHID-01FD162C77E Position - rear
2013/04/12	18:19:21	Handle	Change SHID-01FD162C77E Rack - 59889
2013/04/12	18:19:20	Handle	Change SHID-01FD162C77E Zone - 5989898
2013/04/12	18:19:19	Handle	Delete SHID-01FD162C77E Card Holder - 1231
2013/04/12	17:59:43	Administrator Card Holder	Add Administrator Card Holder - 265 156156(161)
2013/04/12	17:46:33	Handle	Disable SHID-01FD162C77E Door Sensor
2013/04/12	17:46:32	Handle	Change SHID-01FD162C77E Position - front

Order Tips

>> Intelligent Door Lock model - Proximity OR MiFARE

Model	Proximity	MiFARE
DL-1002P	✓	
DL-1002M		✓

>> Intelligent Door Lock open direction - Left OR Right

DL-1002P / DL-1002M support left side open only. If user requires right side open, change the order part no. to DL-1002P-R / DL-1002M-R

>> Order the handle data input cable (DLS-201)

At least one data input cable for each installation site.

>> Optional door sensor - Inductive (DLS-102) OR Mechanical (DLS-101)

Door sensor is essential for visual & audio alarm and able to achieve a more user-friendly operation.

Skip the option If audio & visual alarm is not required.

>> Select the free software - Utilities OR Manager

DL-1002 provides two user-friendly software free. Utilities is ideal for the initial setup and simple operation. To look for relatively high requirements like the reporting feature, Manager will be the one you should apply for.

>> Pick the right power plug

Different power cords for selection :



NEMA



UK



Schuko



AU



India



IEC C14

Value-Add Options

>> Enjoy the warranty upgrade from 2 years to 5 years



>> Upgrade key lock

- Individual key lock (DLS-501) - Up to 500 individual key-locks available
- Unique key lock (Call for options) - Unique key dedicated to single project / customer regionally
- For project size over 500 cabinets

>> Order smartcard & card reader

- Proximity 26-bit Smartcard (DLS-401P) - Proximity Smartcard Reader (DLS-402P)
- MiFARE 26-bit Smartcard (DLS-401M) - MiFARE Smartcard Reader (DLS-402M)

>> Consider dual card authentication for additional security



(DLS-301)

Optional Accessories

Inductive door sensor, pair (DLS-102)

- Light weight, mini size & adhesive
- No custom cutting required on doors
- Easy for existing cabinet retrofit or integration to new cabinet

Mechanical door sensor, pair (DLS-101)

- Low cost
- Precise
- Cost efficient integration to new cabinet
- Custom cutting required on doors

Handle data input cable, pc (DLS-201)

- Connect the smartcard handle to the laptop for handle activation, data input & configuration

Individual key lock, set of 2 for front & rear door (DLS-501)

- Up to 500 individual key-locks available

Unique key lock (CALL FOR OPTIONS)

- Unique key dedicated to single project / customer regionally
- For project size over 500 cabinets

Dual card authentication (DLS-301)

- Software upgrade for additional security
- Cabinet access by administrator card + user card

** Order this option before the delivery

Proximity smartcard, pack of 10 (DLS-401P)

- Proximity 26-bit format
- Single card for multiple application
- Custom card layout available

MiFARE smartcard, pack of 10 (DLS-401M)

- MiFARE 26-bit format
- Single card for multiple application
- Custom card layout available

Proximity card reader (DLS-402P)

- Proximity 26-bit smartcard compatible
- Convenient way for smartcard ID reading
- Driverless for easy installation

MiFARE card reader (DLS-402M)

- MiFARE 26-bit smartcard compatible
- Convenient way for smartcard ID reading
- Driverless for easy installation