

SCH400 Smart Chute



TAGSYS' SCH400 Smart Chute is the ideal solution to reliably inventory and manage the return of soiled garments (uniforms) and linens in laundries and at customer sites (i.e. casinos, hotels). It has been specifically designed to be mounted on a wall with an opening. The SCH400 is capable of reading several tags affixed to items whatever the direction they are dropped into the Chute.

THE ONLY SHORT-DEPTH RFID CHUTE

With a remarkably short depth of 25cm, TAGSYS' SCH400 enables the use of any type/size cart behind for soil collection and eliminates the need for complex and expensive conveyor infrastructure. The SCH400 is easy to fix onto wall structures.

THE LARGEST CHUTE OPENING ON THE MARKET

With a 30x30cm aperture, TAGSYS' SCH400 is adapted to any types of garments (i.e. uniforms, costumes, jackets) and flat linen (towels, bed sheets, pillow cases). It is also the only Smart Chute integrating a flap and a built-in optical sensor to switch on and off the RFID reading process.

BEST IN CLASS PERFORMANCE

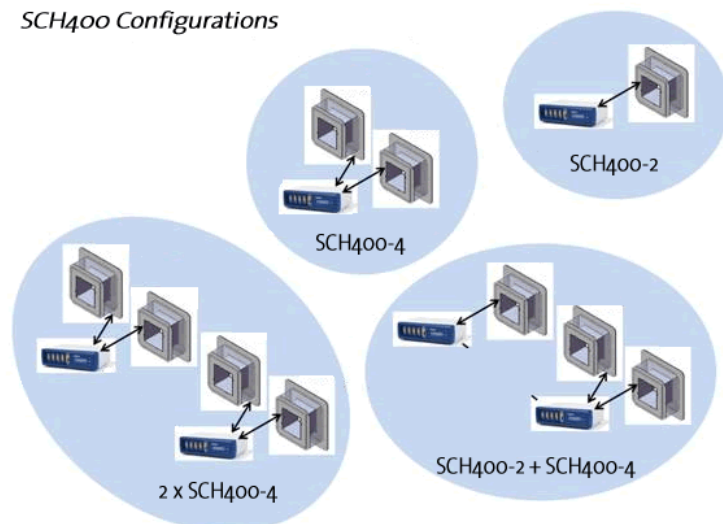
Based on TAGSYS' unique 3D RFID Tunnel patent and state-of-the-art Medio L400 reader platform with advanced DSP firmware, the SCH400 offers +99.95% read accuracy, particularly with TAGSYS RFID tags (370L-DL and 370L-HL). It reads multiple items at once and is able to work as a network device with various chutes/readers configurations.

TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments.

With a proven track record of delivering reliable RFID systems, TAGSYS has deployed over 250 million tags and 100,000 reader systems to over 500 customers in more than 40 countries.

More information on TAGSYS can be found at: www.tagsysrfid.com.

SCH400 Configurations



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PRODUCT SPECIFICATIONS

ELECTRICAL

OPERATING FREQUENCY:

13.56MHz

CHIP COMPATIBILITY:

TAGSYS C370 (NXP SLI), C370-L (NXP SLI-L)

ISO 15693 and ISO 18000-3 Mode 1

CONNECTION CABLE:

3m long coax cable (RG58-SMA) and I/O cable (Jack / DB9)

RF OUTPUT POWER:

Up to 5W

COMMUNICATION INTERFACES:

Serial port RS232 - up to 115200 Bds, USB, Ethernet

RFID READER:

TAGSYS Medio L400-2 or L400-4 depending on configuration, provided

POWER SUPPLY:

24VDC/40W provided

MECHANICAL

FRONT PANEL EXTERNAL DIMENSIONS:

700 x 700 mm (27.5 x 27.5 in)

(white impact-resistant PS)

METAL SHIELDING COVER EXTERNAL DIMENSIONS:

506 x 506 mm (19.9 x 19.9 in)

RECOMMENDATIONS FOR WALL OPENING DIMENSIONS:

Minimum 510 x 510 mm (20.1 x 20.1 in)

Maximum 550 x 550 mm (21.6 x 21.6 in)

CHUTE INTERNAL DIMENSIONS:

300 x 300 x 250 mm (11.8 x 11.8 x 9.8 in)

OPERATING TEMPERATURE:

0°C to 55°C (32°F to 131°F)

ADDITIONAL FEATURES:

Built-in optical sensor to trig the reading

Integrated flap

SOFTWARE

Standalone Mode

DLLs and SDK packages for developers

CERTIFICATIONS

CE

FCC



TAGSYS' SCH400 Smart Chute can be integrated at the soil sorting area