COMPASS
ACCES CONTROL SYSTEM

Dhonaadhi™
Hitec Innovations

• A MODEL FOR EVERY NEED.
→ Multiple application possibility thanks to the broad range of cards managed (up to 6000) in standalone mode.
→ The wide range of components and accessories makes it possible to create a product to measure for every need.

• SMART TECHNOLOGY.
→ Parameter variations are made without interrupting operation of the system.

• SAFE USE.
→ Identification of the cards is carried out in an environment which is separate from the reading one, thereby guaranteeing the system's inaccessibility even if the card reader is tampered with.

D113684 - COMPASS SC 232
• Stand-alone unit (with no permanent PC connection) • The system performs independent access control, allowing functions to be configured via the Securbase Light or Securbase Plus software • In stand-alone mode it is able to handle 6000 recognition devices and stores all associated events and relative date and time parameters.

COMPASS-SC: Control unit for access control systems capable of handling up to 32 peripheral devices (Compass-485, RTD-CA).
Supply voltage: 230 Vac.
Inputs: open pushbutton, door status sensor.
Passageway control output: 12A 250 Vac relay.
Auxiliary output (door open alarm): 12A 250Vac relay.
Connections: RS485 serial port for connecting to other system peripherals, RS232 serial port to communicate with the PC.
Degree of protection: IP20.
Number of storable events in the stand-alone version: 65000 without keypad.
Alarms: Buzzer.
Installation: wall-mounted

D113691 - COMPASS SC USB
The same characteristics as Compass SC but with serial USB interface for connecting to the personal computer.

D113257 - COMPASS 232
• To connect up to 19 Compass 485 units to the PC serial port • All the readers can be connected to a PC by the network to increase the number of codes which can be managed • Also includes operation of a Compass 485 unit

COMPASS 232: Serial converter RS485 - RS232
Power supply voltage: 230 Vac
Inputs: opening button, door status sensor
Access control output: 10A 250V relay with insulated contact
Degree of protection: IP20
Number of peripheral units which can be connected: 19
Number of cards which can be memorised in standalone version: 6000
Programming: by means of Master Cards or PC
Installation: wall-mounted.

D113256 - COMPASS 485
• Installed inside the protected area, this unit memorises the card codes and receives signals from the Compass Slim. It manages: • door opening input • door status input • door alarm output • door lock output • up to 6000 cards as a stand-alone system

COMPASS 485: Management unit for COMPASS SLIM
Power supply voltage: 230 Vac
Inputs: opening button, door status sensor
Access control output: 10A 250V relay with insulated contact
Auxiliary output (door-open alarm): 10A 250V relay
Degree of protection: IP20
Programming: by means of Master Cards or PC
Serial interface: RS485 (2 wires)
Installation: wall-mounted.

D113704 - COMPASS SLIM
• Proximity reader for indoor and outdoor use with compact size and thickness. • Built with vandal-proof materials. • Detection distance 3-4 cm. For combination with COMPASS - SC, 485, 232.
• Compatible with RTD CA and CLONIX 4 RTE.
• Output connection with protocol according to Wiegand 26 BIT standard.

COMPASS SLIM: Proximity reader to be used with COMPASS SC, 485, 232.
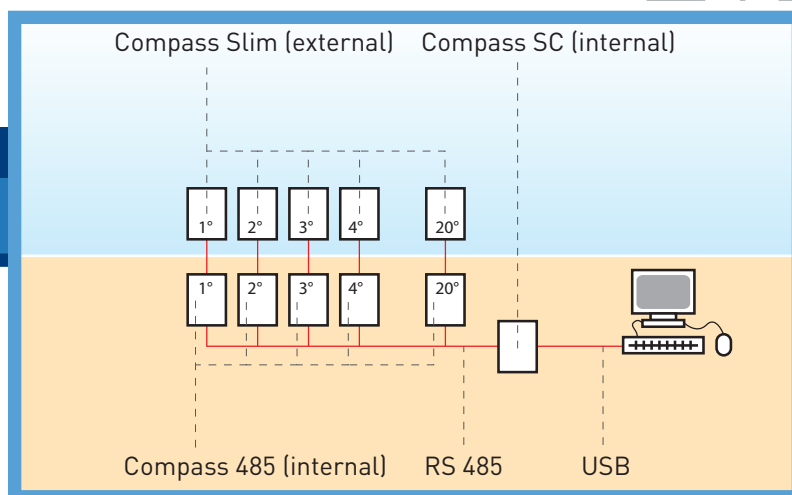**Power supply voltage:** 12Vdc (supplied by Compass SC, 485, 232)
Degree of protection: IP44
Max connection distance between reader and management unit: 10 metres
Reading distance: 3-4 cm
Signal indications: Buzzer + two-colour LED
Installation: wall-mounted.

Compass Slim (external)   Compass SC (internal)

| 1° | 2° | 3° | 4° | 20° |

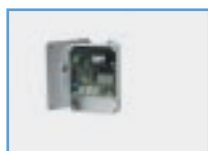| 1° | 2° | 3° | 4° | 20° |

Compass 485 (internal)   RS 485   USB

D413130 - COMPASS-ATS
Anti-vandalism enclosure for COMPASS-READER.

D111453 00001 - MITTO 2T
Two-channel rolling code transmitter and transponder, incorporated for reading by a proximity reader.

D111454 00001 - MITTO 4T
Four-channel rolling code transmitter and transponder incorporated for reading by a proximity reader.

D113671 00002 - RTD CA 2048
2048 code rolling code receiver and built-in display for programming. It can be used with COMPASS SYSTEM. Makes it possible to manage openings with radio controls, with COMPASS ISOCARD and with COMPASS RING cards.

D110912 - COMPASS - ISOCARD
Proximity card ISO standard.

D110917 - COMPASS ISOCARD PERSONALIZZATA
On request, card customisation, with 1 colour, minimum quantity to be ordered 100 pcs (including clichés).

D110914 - COMPASS - RING
Key holder with incorporated transponder for reading by a proximity reader.

D121502 - UNICAVO
Serial cable for Proxima-PC connections.

D811315 - SECURBASE
Access control management database on PC. Operating system: Windows 95, 98, 2000, NT, XP. Complete data storage management of: cards, readers, card groups, reader groups, card subgroups, reader subgroups, time band, calendar, antipassback function, card self-learning by means of system reader. The program provides an interesting graphic display of the system status (showing the plan of the area controlled, and the status of the alarms and accesses, the representation is animated and therefore shows the accesses being open and closed as they actually are in reality). Moreover, it will be possible to consult the list of the cards within the system at any time, and a whole range of enquiries about the steps completed will be available. Available only with COMPASS 232.

P111388 - SECURBASE LIGHT USB
Compass SC remote unit management software. The software makes it possible to program the Compass SC unit and all the associated functions completely. It also makes it possible to manage the control of accesses in real time by means of the display of all the events in table or graph form. All the remote management is implemented with the aid of a database completely synchronized with the internal memory of the Compass SC, permitting the complete management of the unit with the aid of a Windows- compatible graphical interface. Access control, implemented by means of the hardware system managed by the Compass SC, is made visible in graphical mode by means of the graphical display of the plan if this has been installed. It permits complete management of all the system's basic functions. Basic functions - Management of file records of persons and access control criteria relating to individual identification devices - Management and programming of 256 groups, 256 calendars and 256 time bands – Associability of a person with one group from 256 available – Management of 16 readers and associated programming parameters plus local network management – Management of system reader and self-learning system – Management of a protected antipassback area – management of current and daylight-saving time and date – Management of prepaid cards with premium rate readers. - PC management of single database - Multilingual operations (Italian, English, German, French, Portuguese and Spanish). Serial USB interface for connecting to the personal computer. Compatible with Windows XP.

P111389 - SECURBASE PLUS USB
Similar to SECURBASE LIGHT but also permits management of advanced functions as specified below: - Management of 32 readers
• Management of daily, weekly, monthly and annual prepaid cards
• A person can be associated with four different groups from 256 available • Management of 8 protected antipassback areas
• Multiple database management by PC, for programming several systems/installations • Graphical management of persons belonging to a group • Graphical management of protected areas and associated readers. USB interface for connecting to the personal computer. Compatible with Windows XP.