Reading Device
AS x70i DUO/IRRL

The reading device AS x70i DUO/IRRL processes bar code cards and hands-free data carriers in 122,88 kHz and 13,56 MHz technology. An intelligent scanner system of type „FitAll“ allows for the verification of barcode tickets. Barcode tickets are processed with a 2-orientation scanner without motor-driven feeder. To protect the tickets against fraud, barcodes can be printed on the ticket in the form of an invisible imprint which is readable only under infrared light. Hands-free data carriers are processed with an integrated antenna. The two-line display as well as the red/green lights provide the user and the control personnel with information on the access. Highest quality and durability due to the use of highest-grade materials (aluminum cast body, antenna front made of ABS solar). This means a maximum of quality, fail-safety and durability. If nevertheless a defect should occur, each reader has its own electronics, whereby at a possible failure only one access lane is blocked for a short time. Due to the good serviceability the electronics can be replaced simply and fast even by untrained personnel.

Picture may vary from actual product

Features

- Antenna front serves, if desired, as advertising surface
- Fast and reliable access data acquisition and storage, flash memory and optional storage card.
- ISO 15693-compatible
- contains no mechanical components, which makes it virtually maintenance-free
- Suitable for inside and outside use under all climatic conditions
- Highest comfort, as the hands-free antenna is always mounted to the left-hand side (Swatch Access)
- Constantly reliable hands-free functionality across a large reading range (long range) and across the entire temperature range
- Direct standard Ethernet network connection to connect the Reading Device to an existing Software System

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Reading Device
AS x70i DUO/IRRL

Designs, Accessories

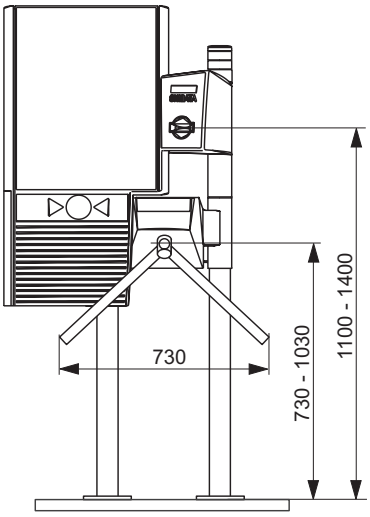
AS x70i DUO/IRRL ..... suitable for processing of bar code tickets, in 2 orientations based on infrared (copy protection) and hands-free data carriers in 122.88 kHz and 13.56 MHz technology
937210000 ..... AS x70i ETH Ethernet board for Reader AS x70i
937310000 ..... power supply for access terminal; switched power supply 240 Watt for max. 2 readers inclusive turnstile, 220/110 V
AS x70 DUO/H ..... covering hood

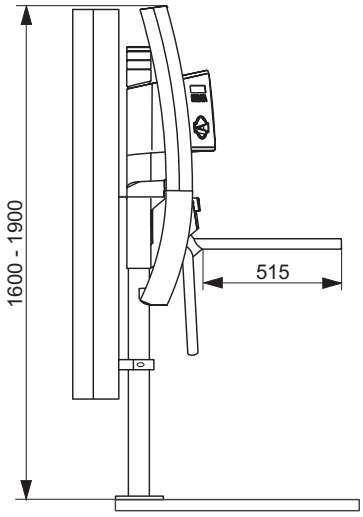
Technical Characteristics

Data carriers ..... bar code tickets, keycard, Swatch Access, KeyBand, GORE-TEX ® glove
Throughput ..... approx. 700 people per hour (practical value)
Display ..... 2 x 16-digit LCD
Signals ..... acoustic, lights
Housing dimensions ..... 750 x 1000 x 280 (w x h x d)
Weight ..... 25 kg
Power supply ..... 24 VDC +/- 15 %
Power consumption ..... max. 120 W
Temperature range ..... operation: -40 °C to +40 °C, storage: -40 °C to +70 °C
Housing color ..... blue RELIUS E-14-45, orange (PANTONE 151 C)
Frequency ..... 122.88 kHz AM, 13.56 MHz

Barcode specifications

- Wave length - visible barcodes 660 nm
- Wave length - invisible barcodes 875 nm (infrared)
- Min. width of thinnest bar 0.1 mm (modul width)
- Max. width of barcode 80 mm
- Position of barcode perpendicular to direction of insertion; distance from insertion edge 0 mm to 26 mm
- Supported barcode formats: Interleaved & Standard 2 of 5; UPC (E&A); EAN; Code 39; Code 128, UCC EAN 128, Codabar, Code 93, ISBN, MSI, Plessey, Telepen





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