iLOQ S55

Hybrid Reader

iLOQ S55 Hybrid Readers - a new product family to be a part of iLOQ Online system. Available in different models. Standard, narrow, with or without keypad.

iLOQ Readers use NFC technology to read and write data to iLOQ S5 keys, iLOQ Mobile keys and iLOQ Key fobs. Mifare® RFID tags* can also be used as keys.

Technical Specifications

Supported Technologies

Supported iLOQ keys	K5S, K55S, iLOQ mobile app
Encryption	AES-256

Electrical Specifications

Interface to door module	RS-485
Operating voltage	+10 - +42 VDC
Power consumption	max. 2.5 W
Operating frequency	13,56 MHz
LED	RGB LEDs
Buzzer	Yes

Dimensions

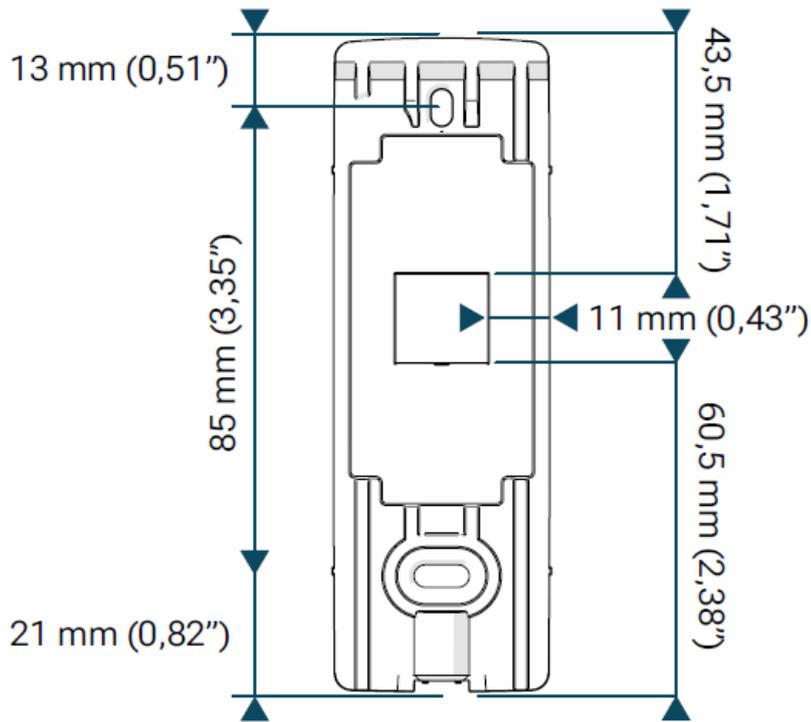|	
Narrow stile without keypad / Narrow stile with 2x6 touch keypad	126 x 45 x 28 mm (H x W x D)
Standard without keypad / Standard with 3x4 touch keypad	129 x 77 x 28 mm (H x W x D)

Mechanical Specifications

Material of housing	Plastic
Installation method	With screws
Connector	7 pin strip connector (4 pins in use)
Connections	Data A, Data B, DC+, DC-
Color	Black
Ingress protection	IP67
IK-rating	IK-09
Flammability class	UL94 HB, UL94 V2

Environmental Specifiations

Operational/storage temperature range	-40 °C...+55 °C
UV radiation	EN60068-2-5, total radiation 1090 W/m2, 72h

*When using Mifare® RFID: We only read the UID. The UID information is not encrypted.

N510.1X0

13 mm (0,51")

43,5 mm (1,71")

85 mm (3,35")

11 mm (0,43")

60,5 mm (2,38")

21 mm (0,82")

N510.2X0

78 mm (3.07")

75 mm (2.95")

11,5 mm (0,45")

94 mm (3.70")

17mm (0,66")

36,5 mm (1,43")

60 mm (2.36")

17 mm (0,66")