



- Supports unlock the door via swiping cards
- Supports issuing cards with main unit
- Backlight compensation
- Easy to and extend

The diagram illustrates the system framework for an apartment. It shows a central LAN connected to various components. On the left, three 'Apartment' units are shown, each containing an 'Alarm sensor' and an 'Indoor Station'. These are connected to 'Standard PoE Switch' units. On the right, the LAN is connected to a 'Server' (labeled 'iVM-Q20'), a 'Master Station', and 'IP Camera' units. A 'Main Unit Powered by Standard Switch' is also connected to the LAN, which then connects to a 'Extension module'.

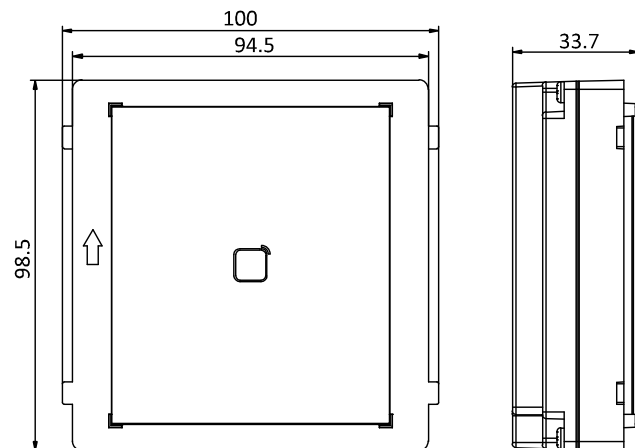
TICK(EMC)	
UL	UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07, Information Technology Equipment – Safety – Part 1: General Requirements
IC	ICE-003: Issue 6
ROHS	2011/65/EU
REACH	Regulation (EC) No 1907/2006
WEEE	2012/19/EU

CE-EMC	a. EN 55032:2015 b. EN 61000-3-2:2014 c. EN 61000-3-3:2013 d. EN 50130-4:2011 +A1:2014
CE-LVD	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
CE-RED	a. EN 301 489-1 V2.1.1, Final draft EN 301 489-3 V2.1.1 b. EN 300 330 V2.1.1, EN 62311: 2008
CB	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013
FCC-SDOC	47 CFR Part 15, Subpart B
C-	AS/NZS CISPR 32:2015

Specification

System parameters	
Processor	Embedded MCU Processor
Internal card reader	Built-in Card Reader
Interfaces	
Module-connecting	2 (1 input, 1 output)
General	
Card type	Mifare card
DIP switch	8
Power input	12 VDC (powered by the other module)
Power output	12 VDC (powered for the other module)
Power consumption	0.8 W
Working temperature	-40° C to +55° C (-40° F to 131° F)
Working humidity	10% to 95%
IP protection level	IP65
Installation	Flush mounting, surface mounting
Dimension	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Weight	421 g (with packaging) 160 g (without packaging)

Dimension



Accessory

Optional



DS-KD-ACF1/Plastic



DS-KD-ACF2/Plastic



DS-KD-ACF3/Plastic



DS-KD-ACW1



DS-KD-ACW2

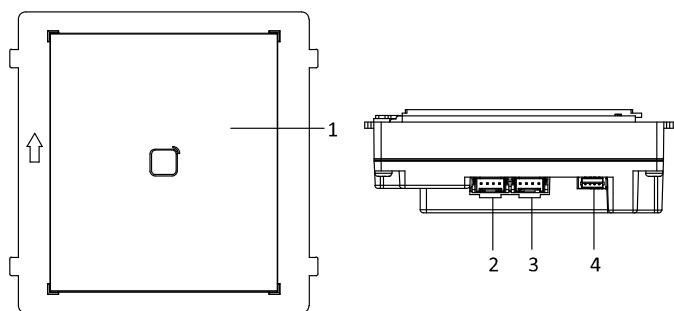


DS-KD-ACW3

Available Model

DS-KD-M (13.56 MHz)

Appearance and Interfaces



No.	Description
1	Card Reading Area
2	Module-connecting Interface (output)
3	Module-connecting Interface (input)
4	Debug Port

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