

Basic RFID access control system

AR721H is a single door controller with built-in RF reader. AR721H can work standalone (1024 users) or connect to AR716 multi-door controller (15K users). During AR716 failure, AR721H will auto switch to standalone mode and continue to run as a secondary system. Generally, AR721H is installed inside as EXIT reader while AR721U is installed outside as ENTRY reader.



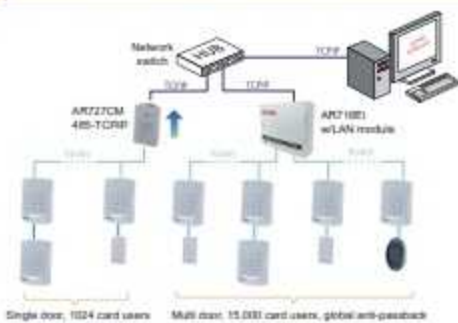
AR721H specification

Built-in-operation mode	M4	M6	M8
Card User	1024	65,536	1024
Event Memory	1200	NONE	1200
Time zone / holiday	11 / 120	NONE	11 / 120
Anti-passback	YES	NONE	YES
Alarm (tamper, force entry & door open too long)	YES	NONE	YES
Elevator control	1024 users, 32 floor	NONE	1024 users, 32 floor
Direct PC software	YES	NONE	YES
Multi reader networking with AR716E	YES	NONE	YES
Access mode	Card only, Card or pin, Card and pin		
Access pin number format	5 digit user num + 4 digit pin	Public pin 4 digit	User pin 4 digit
Wiegand port	1 input port (selectable WG 26 or 34)		
Push button input	1 negative trigger input		
Alarm sensor input	1 negative trigger input		
Door output (dry contact)	0.1-600 sec N.O / N.C, max 24V-1A		
Alarm output (open collector)	0.1-600 sec, active low output		
Reader RF frequency	125KHz or Mifare 13.56MHz		
Reading range	approx 10cm (4 inch)		
Data communication	RS485-9600 bps (N,8,1)		
Power consumption	9-16V, less than 3W		
Dimension, weight	111(h) x 77(w) x 26(d) mm, 210 gram		

RS485 network connection



TCP/IP network connection



AR721U wiegand specification

RF frequency	125KHz or Mifare 13.56MHz
Reading range	7 cm
Power consumption	9 - 16V, less than 0.7 W
Dimension, weight	81(h) x 43(w) x 10(d) mm, 45 gram

Ordering Info

EM 125KHz	721H, 721U
Mifare 13.56MHz	721H, 1306, 721U, 1356

Standalone connection



Accessories



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