

ACCESS CONTROL

Products and Solutions

2017 Ver. 2

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- Hotel Lock Software
- Hotel Lock Solution Layout

ACCESS CONTROL








Multi-Door Controllers

- Central management
- Wiegand and RS485 reader protocol



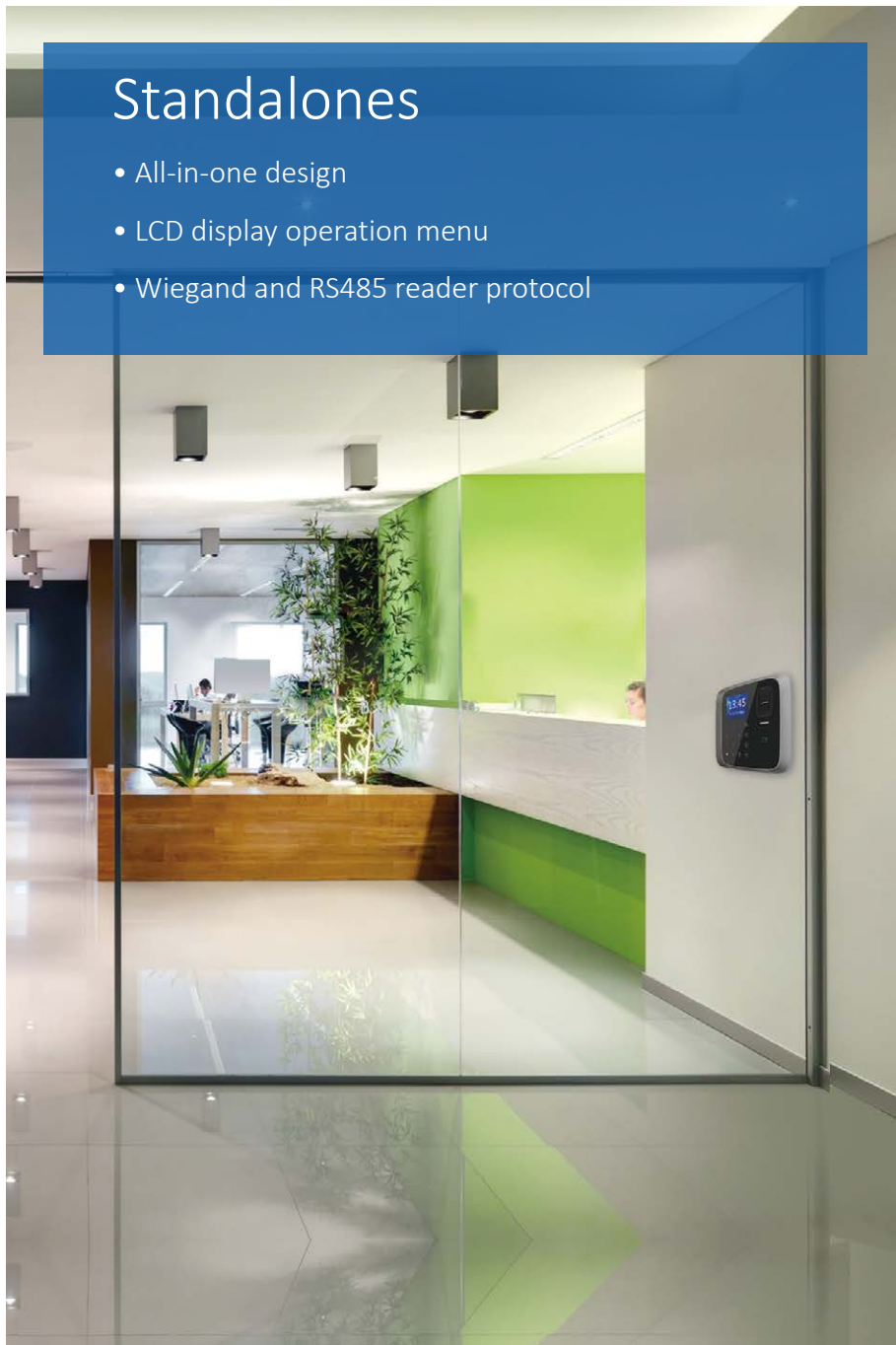
Multi-Door Controllers


	ASC1202B-S	ASC1202B-D	ASC1204B-S
Model			
Reader	2	4	4
Communication	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34
Control mode	2 door 1-way	2 door 2-way	4 door 1-way
Exit Buttons	2	2	4
Door Sensors	2	2	4
Alarm In/Out	2/2	4/4	1/1
Users	100,000	100,000	100,000
User Roles	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress
Time Plans	128	128	128
Holiday Schedules	128	128	128
Alarm Types	Door timeout, Intrusion Duress, Tamper	Door timeout, Intrusion Duress, Tamper	Door timeout, Intrusion Duress, Tamper
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps
Accumulator Battery	--	--	--
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power Supply	DC9~15V/6W	DC9~15V/6W	DC9~15V/6W

Multi-Door Controllers				
	ASC1202C-D	ASC1204C-S	ASC1204C-D	ASC1208C-S
Model				
Reader	4	4	8	8
Communication	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34
Control mode	2 door 2-way	4 door 1-way	4 door 2- way	8 door 1-way
Exit Buttons	2	4	4	8
Door Sensors	2	4	4	8
Alarm In/Out	4/4	1/1	8/8	4/4
Users	100,000	100,000	100,000	100,000
User Roles	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress
Time Plans	128	128	128	128
Holiday Schedules	128	128	128	128
Alarm Types	Door timeout, Intrusion Duress, Tamper	Door timeout, Intrusion Duress, Tamper	Door timeout, Intrusion Duress, Tamper	Door timeout, Intrusion Duress, Tamper
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Accumulator Battery	Max. 12V/7Ah	Max. 12V/7Ah	Max. 12V/7Ah	Max. 12V/7Ah
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power Supply	AC100V~240V	AC100V~240V	AC100V~240V	AC100V~240V

Standalones

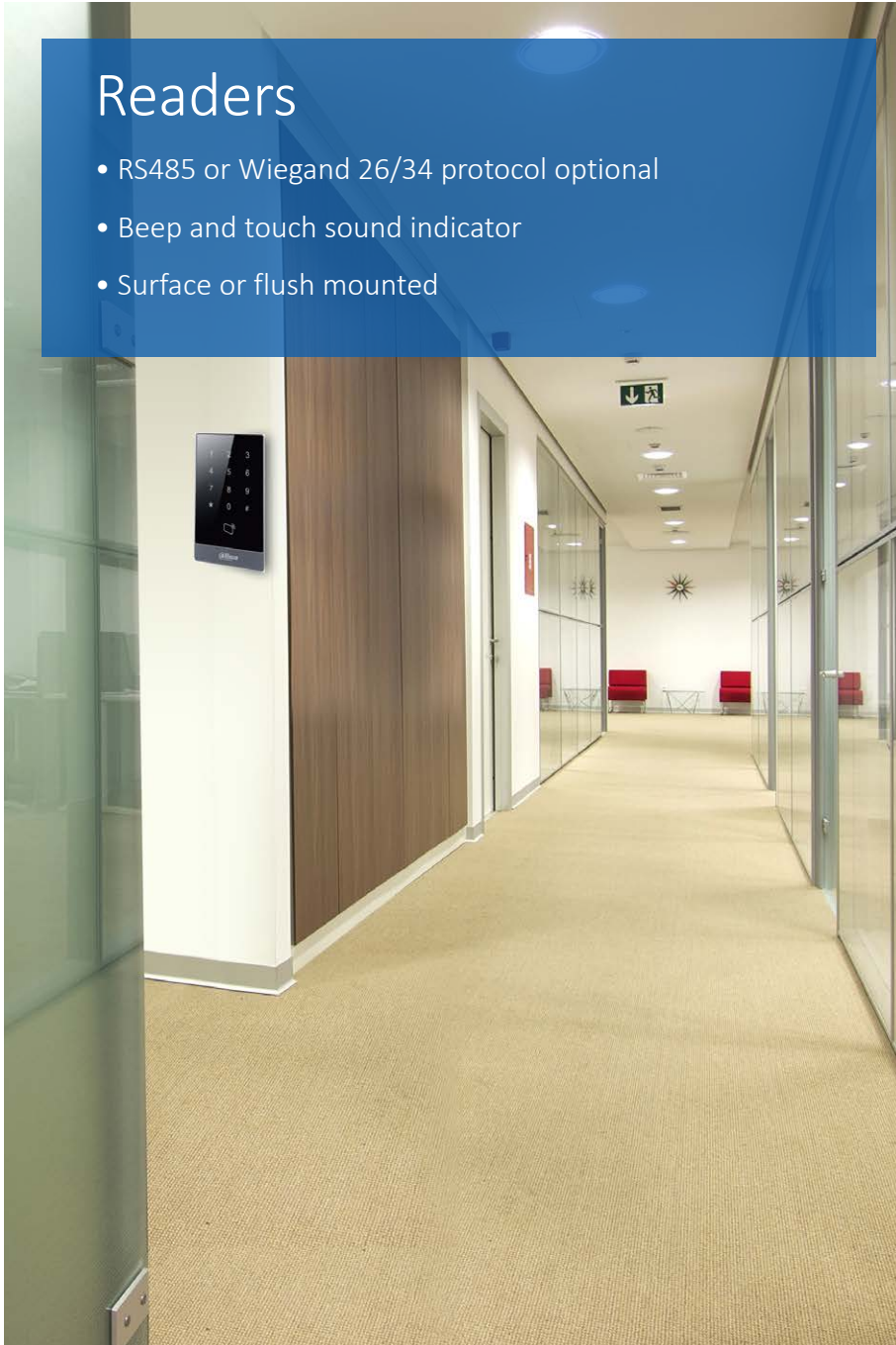
- All-in-one design
- LCD display operation menu
- Wiegand and RS485 reader protocol



Standalones						
	ASI1212D	ASI1212D-D	ASI1212A(V2)	ASI1212A-D(V2)	ASI1201A	ASI1201A-D
Model						
Screen	2.4 " TFT 320*240		2.8 " TFT 320*240		LCD 128*64	
Read Format	13.56MHz	125KHz	13.56MHz	125KHz	13.56MHz	125KHz
Communication	RS485, Wiegand 26/34		RS485, Wiegand 26/34		RS485, Wiegand 26/34	
Interface	USB		--		--	
Alarm In/Out	1/1		1/2		1/2	
Users	30,000		30,000		30,000	
Fingerprint Capacity	3,000		3,000		--	
User Roles	General, VIP, Guest, Patrol, Duress		General, VIP, Guest, Patrol, Duress		General, VIP, Guest, Patrol, Duress	
Time Plans	128		128		128	
Alarm Types	Door timeout, Intrusion Duress, Tamper		Door timeout, Intrusion Duress, Tamper		Door timeout, Intrusion Duress, Tamper	
Ethernet	10/100Mbps		10/100Mbps		10/100Mbps	
Ingress Protection	IP65		IP55		IP55	
Working Temperature	-5°C~+55°C		-5°C~+55°C		-5°C~+55°C	
Power Supply	DC9~15V/6W		DC9~15V/6W		DC9~15V/6W	






Readers










- RS485 or Wiegand 26/34 protocol optional
- Beep and touch sound indicator
- Surface or flush mounted













Readers				
	ASR1200D	ASR1200D-D	ASR1201D	ASR1201D-D
Model				
Read Format	13.56MHz	125kHz	13.56MHz	125kHz
Communication	RS485, Wiegand 26/34		RS485, Wiegand 26/34	
Fingerprint Capacity	--		--	
Password Input	--		Supported	
Transmission Distance	RS485: 100m/1000m(Separate power suply) Wiegand:40m		RS485: 100m/1000m(Separate power suply) Wiegand:40m	
Alarm Types	Tamper		Tamper	
Keypad	--		Touch keypad	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP65		IP65	
Working Environment	-30°C~+60°C		-30°C~+60°C	
Power Supply	DC9~12V/1.2W		DC9~12V/1.2W	

ACCESS CONTROL

Readers										
	ASR1102A(V2)	ASR1102A-D(V2)	ASR1100B	ASR1100B-D	ASR1101M	ASR1101M-D	ASR1100A	ASR1100A-D	ASR1101A	ASR1101A-D
Model										
Read Format	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz	125kHz
Communication	RS485		RS485, Wiegand 26/34		RS485, Wiegand 26/34		RS485, Wiegand 26/34		RS485, Wiegand 26/34	
Fingerprint Capacity	3,000		--		--		--		--	
Password Input	--		--		Supported		--		Supported	
Transmission Distance	100m/1000m(Separate power suply)		RS485: 100m/1000m(Separate power suply) Wiegand:40m		RS485: 100m/1000m(Separate power suply) Wiegand:40m		RS485: 100m/1000m(Separate power suply) Wiegand:40m		RS485: 100m/1000m(Separate power suply) Wiegand:40m	
Alarm Types	Tamper		Tamper		Tamper		Tamper		Tamper	
Keypad	--		--		Metal button		--		Touch keypad	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP55		IP67		IK08		IP55		IP55	
Working Environment	-5°C~+55°C		-30°C~+60°C		-30°C~+60°C		-30°C~+60°C		-5°C~+55°C	
Power Supply	DC9~12V/1.2W		DC9~12V/1.2W		DC9~12V/1.2W		DC9~12V/1.2W		DC9~12V/1.2W	

Magnetic Locks					Electric Drop-Bolt Locks		Mute Locks	Electric Strike Locks	
	DHI-ASF280A	DHI-ASF500A	DHI-ASF280B	DHI-ASF500B	DHI-ASF802	DHI-ASF808	DHI-ASF601A	ASF702	ASF705
Model									
Description	Power on-NC Single Door Relay Input&output Anti-pull 280kg Working Temperature: -30°C~60°C DC12V /24V	Power on-NC Single Door Relay Input&output Anti-pull 500kg Working Environment: -30°C~60°C DC12V /24V	Power on-NC Double-door Relay Input&output Anti-pull 280kg Working Environment: -30°C~60°C DC12V /24V	Power on-NC Double-door Relay Input&output Anti-pull 500kg Working Environment: -30°C~60°C DC12V /24V	Power on-NC Magnetic auto lock Door thickness: >50mm Working Environment: -30°C~60°C DC12V /24V	Power on-NC Magnetic auto lock Door thickness: >42mm Working Environment: -30°C~60°C DC12V	Power on-NC Power off-keep status Magnetic auto lock Door thickness: >35mm Working Environment: -30°C~60°C DC12V	An-ti pull 500kg Power off: locks door DC12V -30°C~+60°C	An-ti pull 500kg Power off: locks door DC12V -30°C~+60°C

Magnetic Lock Brackets							USB Module		Others
	ASF280L	ASF280U	ASF280ZL	ASF280F	ASF500L	ASF500ZL	ASM100(-D)	ASM102(V2)	ASF102S
Model									
Description	Fix magnetic lock on door frame For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock plate on glass door Door thickness: 8~15mm For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate on glass door Door thickness: 8~15mm For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock on door frame; For ASF500A or ASF500B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate For ASF500A or ASF500B Working Temperature: -10°C~+50°C	USB Communication Working Temperature: -30°C~60°C	USB Communication FAR≤0.0001% FRR≤0.014% Working Temperature: 10°C~55°C	Suitable for any door with frame and open at 180 degree

Buttons					Cards				
	Exit Button	Exit Button	Touchless Exit Button	Emergency Break Glass	IC White Card	IC Key Fob	DAHUA Logo Key Fob	ID White Card	ID Key Fob
	ASF900	ASF905	ASF908	ASF921	IC-S50	IC-SM	YX-4CM	ID-EM	ID-SM
Model									
Description	ABS plastic; 86*86*25mm -30°C~60°C	LED light Stainless steel 91*28*25mm DC12V -30°C~+60°C	Infrared induction Stainless steel 86*86*25mm DC12V -30°C~+60°C	Plastic 86*86*50mm -30°C~+60°C	Mifare card 13.56MHz From Philip	Mifare card 13.56MHz	Mifare card 13.56MHz	EM card 125KHZ	EM card 125KHZ

Software

- Supports up to 64 controllers
- Video linkup
- Data import and export
- Attendance functionality

Software

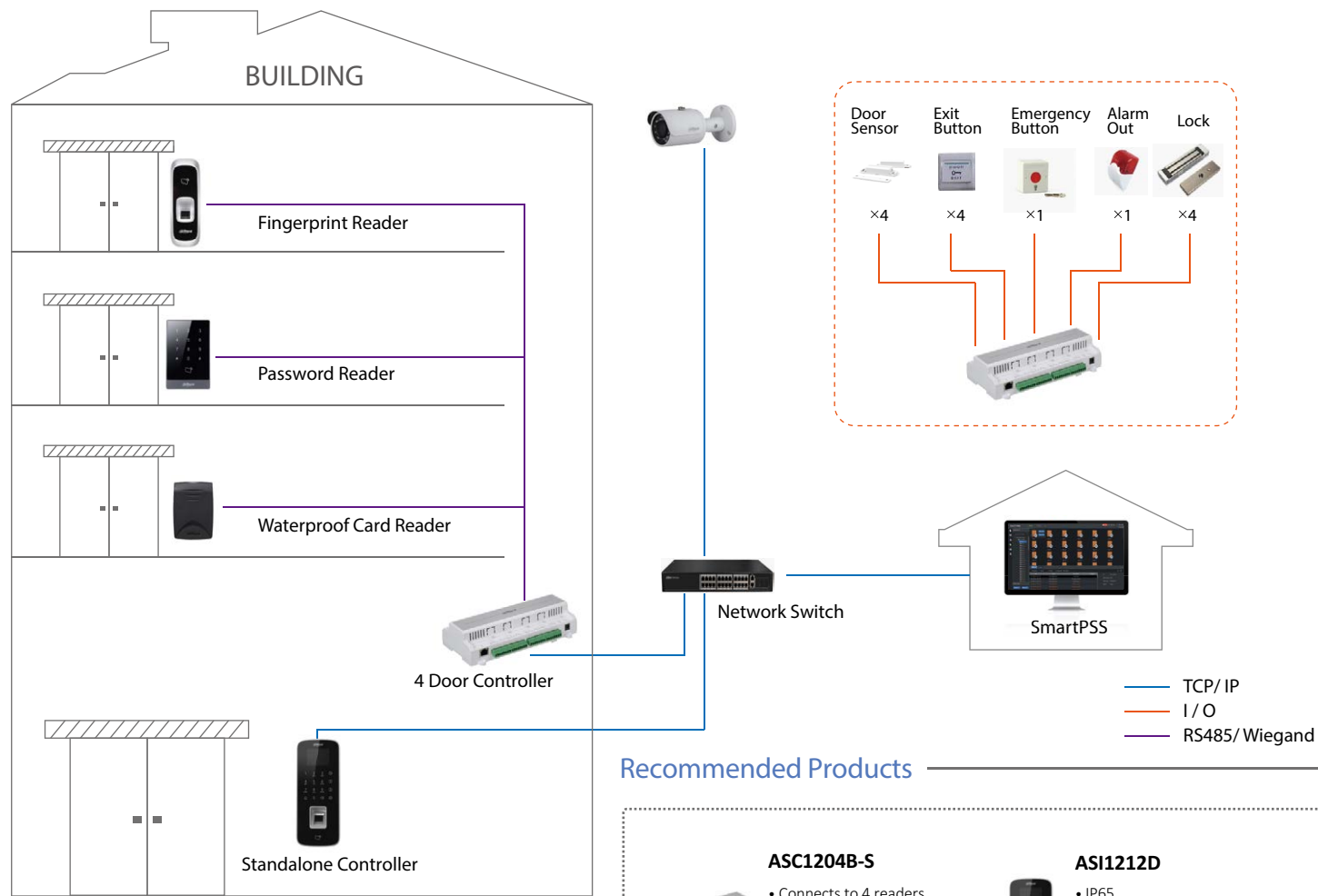
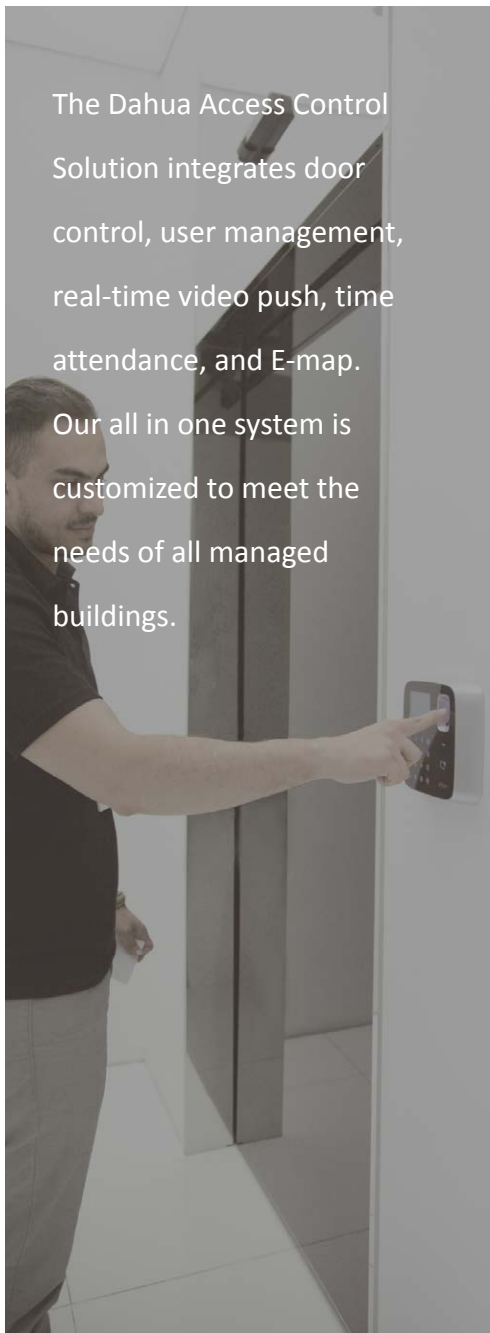
Smart PSS V2.01.0

- Open SDK, free
- Remotely control all doors
- Video linkup
- Attendance



Devices	Supported Devices	Controller, Standalone
	Max Registered Devices	64
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup and etc.
Door Configuration	Remote Control	Open/Close door
	Open Mode Setup	Card, Password, Fingerprint, Combination
	Door Parameter Setup	Unlock hold time, Holiday timezone and etc., Alarm Enable
	Check Info.	Check IP address, Version, User number, Record number
	Synchronize Data	Configuration, Record
Advanced Functions	Anti-pass back, Multi-door interlock, Multi-card Open, Attendance	
Logging	Open Record, Alarm Record, Attendance Record, Attendance Collection	
Minimum System Requirements	OS	Microsoft Windows XP SP3 (32 bit) and above
	CPU	Core 2 dual 3.0
	RAM	DDR3 2GB
	Display Resolution	1024×768 or above

ACCESS CONTROL SOLUTION LAYOUT



Features

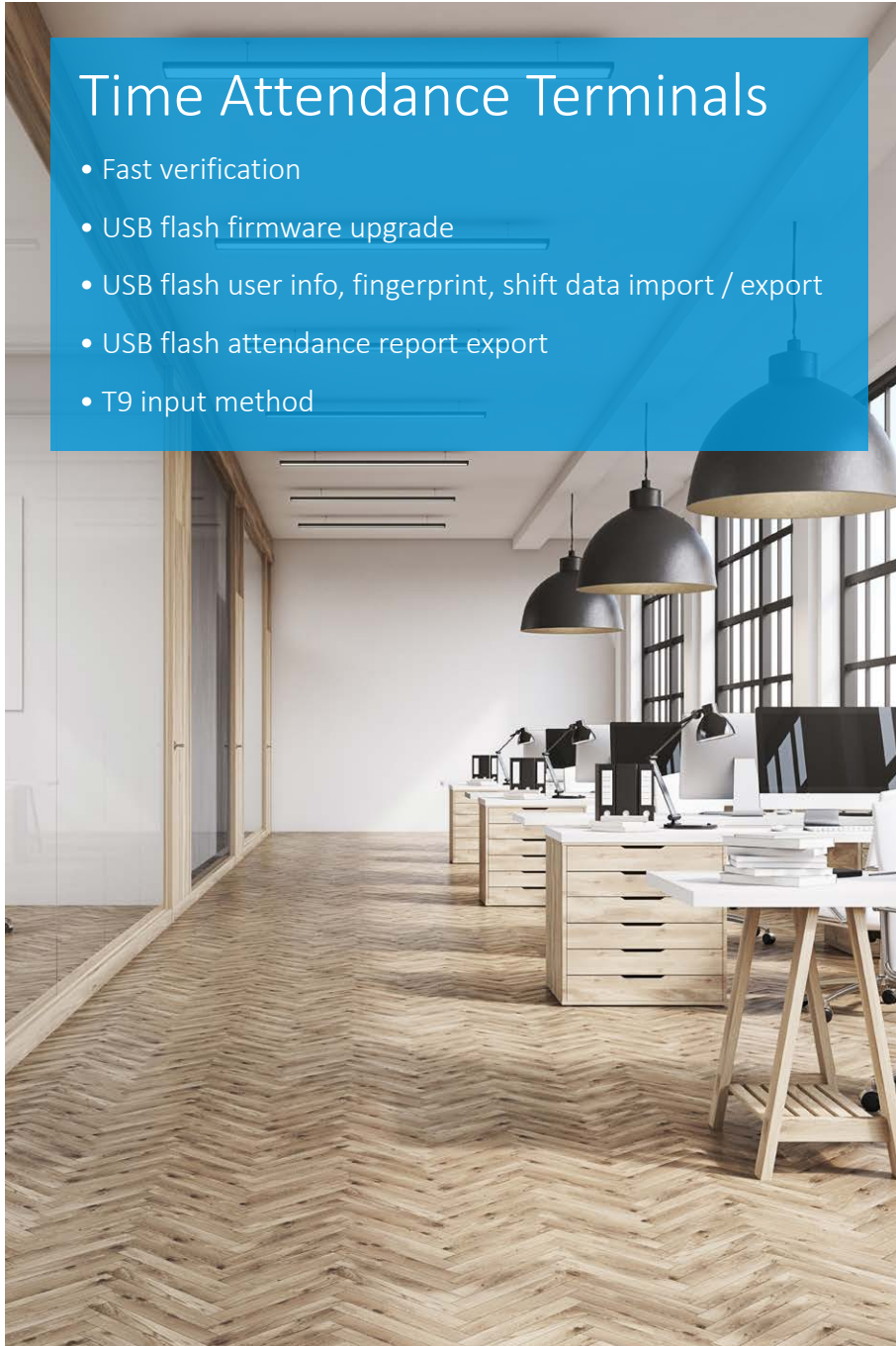
- Differential Rights Management
- Reports Management
- Video Linkage
- Multi-door Interlock
- Anti-passback
- Attendance

ATTENDANCE



Time Attendance Terminals

- Fast verification
- USB flash firmware upgrade
- USB flash user info, fingerprint, shift data import / export
- USB flash attendance report export
- T9 input method



Time Attendance Terminals

		ASA2212A	ASA1222E
Model			
Screen		2.8" TFT 320*240	2.4" TFT 320*240
Card Format	ID	--	--
	IC	YES	--
Camera		1.3MP	--
Power Supply		DC 12V 1A	DC 5V 1A
Interface	USB	YES	YES
	RJ45	YES	--
OS		Linux	--
Capacity	User	1,000	1,000
	Fingerprint	3,000	2,000
	Log	150,000	100,000
Access Function		YES (simple access)	--
Flexible Shifts		YES	--
External Bell		YES	--
Internal Bell		--	YES

TIME ATTENDANCE TERMINAL LAYOUT

USB Flash

USB flash user info, fingerprint, shift, schedule, bell schedule data import / export

USB flash firmware upgrade



Reports

- Personnel Reports
- Abnormal Reports
- Attendance Reports
- Attendance Logs

Attendance log Report																								
Statistics Date: 2017-12-01 ~ 2017-12-31															Create Date: 2017-12-31									
ID	Name	Dept	Work Hours		Late		Early		OT Hours		Attendance		Trip	Absence	Leave	Note	OT	Allowance	Late/Early	Leave	Debit	Actual Salary	Note	
			Standard (hour)	Actual (hour)	Times	Minutes (mins)	Times	Minutes (mins)	Std (hour)	Special (hour)	Days (Plan/Acts)	Days (Plan/Acts)	(Day)	(Day)	(Day)									
1	Ross	Headquarter	189.0	167.6	2	188	0	0	0.0	0	21.0/19.0	0	2.0	0										
2	Rachel	PM	189.0	178.9	0	0	2	49	0.0	0	21.0/20.0	0	1.0	0										
3	Monical	Headquarter	153.0	152.0	0	0	1	53	0.0	0	17.0/17.0	2	0.0	2										
4	Joey	Headquarter	189.0	190.5	0	0	0	0	1.5	0	21.0/21.0	0	0	0										
5	Chandelr	Headquarter	189.0	189.0	0	0	0	0	0.0	0	21.0/21.0	0	0	0										
6	Phooke	Headquarter	189.0	189.0	0	0	0	0	0.0	0	21.0/21.0	0	0	0										

Abnormal record statistics report													
Statistics Date: 2017-12-01 ~ 2017-12-31						Create Date: 2017-12-31							
ID	Name	Dept	Date	DutyT1		DutyT2		OverTime		Late	Early	Total	Note
				ON	OFF	ON	OFF	Check In	Check Out	Time (mins)	Leave (time)	(mins)	
1	Ross	Headquarters	2017/12/4	09:10	18:10					5	0	5	
1	Ross	Headquarters	2017/12/19	12:08	18:08					183	0	183	
2	Rachel	PM	2017/12/4	09:02	17:10					0	45	45	
2	Rachel	PM	2017/12/5	08:11						0	0	0	
2	Rachel	PM	2017/12/12	08:51	17:51					0	4	4	
3	Moncial	Headquarters	2017/12/29	08:01	17:02					0	53	53	

Dahua time attendance terminals are easy to operate, cost effective, and run without any extra expenses. Installation is simple as there is no need for complicated wire connections. Everything can be configured on the device using an intuitive software system, where data such as reports and user information can be easily exported. The terminal is perfect for time attendance management in small companies, restaurants, retail stores, and more.

SMART LOCK





Home Locks

- Mifare Card, password, fingerprint unlock
- Voice guide (not included on ASL21 series)
- Privacy password
- External emergency power supply
- Available in three colors
- Zinc alloy material



Home Locks

	DHI-ASL2101S/K-R DHI-ASL2101S/K-L	DHI-ASL2101S/K-WR DHI-ASL2101S/K-WL
Model		
Card Type	Mifare card	Mifare card
Password Length	6-12 digits	6-12 digits
Fingerprint Capacity	--	--
Wireless Protocol	Bluetooth 4.0	Bluetooth 4.0 & 433MHz
Mechanical Key	3 pcs	3 pcs
Lock Body	Cylinder latch bolt (Mortise optional)	Cylinder latch bolt (Mortise optional)
Door Thickness	35~65mm	35~65mm
Backset	60mm/70mm adjustable	60mm/70mm adjustable
Central Distance	--	--
Case	Zinc alloy	Zinc alloy
Working Temperature	-20°C~+55°C	-20°C~+55°C
Working Voltage	6V, AA battery(4pcs)	6V, AA battery(4pcs)
Low Voltage Warning	< DC4.5V	< DC4.5V
Battery Life	1 year (10 units/D)	1 year (10 units/D)
Notes	Black bronze(K)/Satin silver(S) R: Right open / L: Left open	Black bronze(K)/Satin silver(S) R: Right open / L: Left open

Wireless Control

ASL2101S-WL, ASL2101S-WR, 433MHz

The VTO and lock communicate wirelessly over the Dahua Airfly protocol at 433MHz. The system can be unlocked through the VTH or DMSS interface, or with the Easy4key app.



Hotel Locks

- Stainless steel panels and handles, sturdy and durable
- RF card
- Spare mechanical keys in case of emergency
- Lock failure /Low voltage alarm
- Wireless installation
- Handle freely when access is not authorized
- Multi-client management

Hotel Locks




	ASL411S	ASL412S	ASL413S
Model			
Card Type	IC(Mifare 1)	IC(Mifare 1)	IC(Mifare 1)
Card Response Time	< 0.5s	< 0.5s	< 0.5s
Reader Range	3cm(max.)	3cm(max.)	3cm(max.)
Mechanical Key	2PCS	2PCS	2PCS
Lock Failure Warning	5s	5s	5s
Lock Body	American standard	American standard	American standard
Door Thickness	35mm~70mm	35mm~70mm	35mm~70mm
Backset	70mm	70mm	60mm
Central Distance	92mm	92mm	92mm
Case	SUS304 Stainless steel	SUS304 Stainless steel	SUS304 Stainless steel
Lock Case Test	≥100000 times	≥100000 times	≥100000 times
Working Voltage	1.5V“AA”battery(4pcs)	1.5V“AA”battery(4pcs)	1.5V“AA”battery(4pcs)
Low Voltage Warning	< DC4.5V	< DC4.5V	< DC4.5V
Battery Life	About 1 year (10 units/D)	About 1 year (10 units/D)	About 1 year (10 units/D)
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C

Software

- Friendly user interface
- Multi-language
- Easy installation



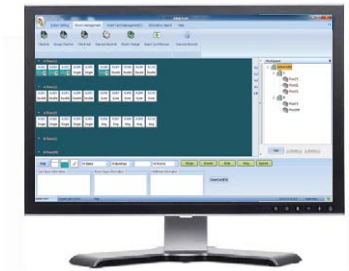
Accessories

	T86M1Y	ASM200	ASH100
	Power Saving Switch	Card Reader/Writer	PDA
Model			
Description	IC (Mifare) card to gain power Hotel room guest card associated 180~240V	For hotel lock USB interface Auto detection Hotel lock management software unlimited license duration	For Hotel lock Easy to write lock information Easy to output unlock Records Convenient check-out operation, improving your hotel management system Uses advanced microwave communication technology to transmit data between PDA and lock Intuitive operation interface

DLock

Hotel Lock Management System

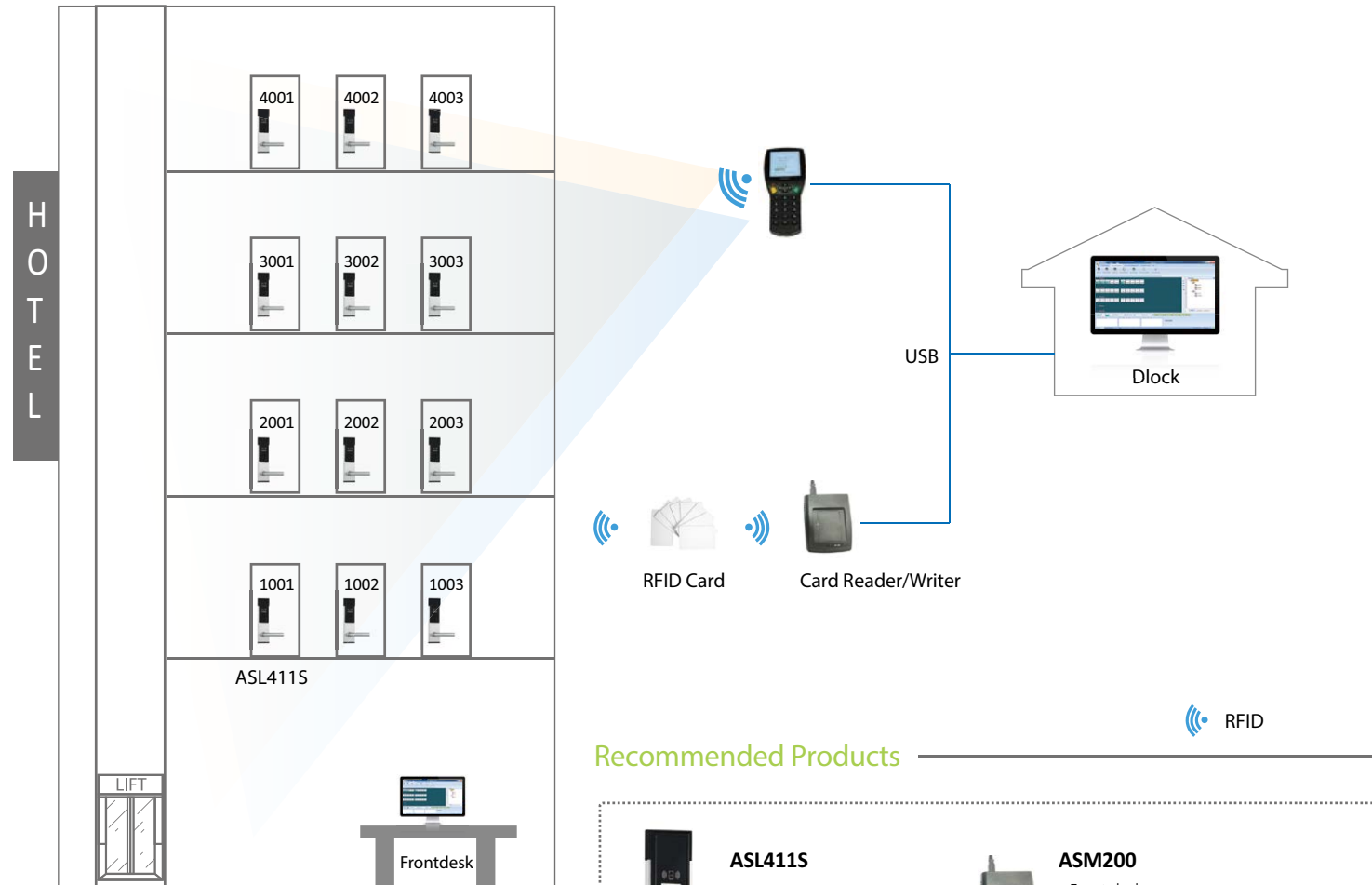
Open SDK, Easy-to-Use









Devices & Users	Max. Number of Locks	No limit
	Max. Number of Users	No limit
Operation	System	User rights defined, Building management, Data backup
	Room Management	Check-in/out in real-time
	Smart Card Management	Master card, Building card, Floor card, Emergency card
Minimum system Requirements	OS	Windows XP/Vista/7/8
	GPU	Intel(R) HD Graphics
	CPU	Intel(R) Core(TM) i3
	Storage Space	2GB
	Display Resolution	1024 x768

HOTEL LOCK SOLUTION LAYOUT


Hotel locks are managed offline. The cost-effective hotel system and free lock management software is convenient and easy to use. Power saving technology also helps save you money.



Features


-  **SUS 304**
Sturdy and Durable
-  **Multi-client management**
-  **Lock Failure Alarm**
-  **Mifare Card**
-  **Power Saving**
-  **Records Search**

Recommended Products




ASL411S

- Lock failure/ Low voltage alarm
- Central management




ASM200

- Front desk use
- No driver installation, plug and play USB power supply and communication



ASH100

- Write room number into lock
- Download Lock Information
- Check-out and correct time operation



T86M1Y

- Mifare card to gain power
- Hotel guest card associated 180~240V



QUALITY BY DESIGN

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* Design and specifications are subject to change without notice.

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