



ZD2F20 Fingerprint Access Control & Time Attendance



Advantages :

1. Strictly follow the national security product standard .Suitable for the entrances and exits of office, factory, hotel, school, etc.
2. Adopting RS485 or TCP/IP carries out networking. U disk download is available.
3. Anti-dismantlement alarm, threatens alarm, unlock illegally alarm, not block alarm are available.
4. Fingerprint / Card / Password / Fingerprint + Card / Fingerprint + Password / Card + Password /Fingerprint +Card+ Password identification modes are all available.

ZD2F20 Technical Specification:

Model	ZD2F20
Fingerprint Sensor Resolution	500DPI
Rotational Angle	Total Rotational Angle
FRR	≤0.1%
FAR	≤0.0001%
Identification Time	≤0.1 S
Query Record	Available
Real Time Fingerprint Picture Display	Available
Operating Mode	Off-line/On-line
Authentication Mode	1:1、1:N
Identification Mode	Fingerprint/ID Card/Password
Fingerprint Capacity	2,000
Log Capacity	50,000 events
Communication	TCP/IP, RS485
U disk up/download	Available
Language	Chinese, English, Korean
Voice prompt	Available
capacity notification	Alarm when log capacity is full
Bell	Built-in timing bell
Lock Output	Normal Open / Normal Closed
Door Open Button	Can connect the common button, or the wireless remote controlled button
Doorbell Output	Can connect the doorbell in every voltages
Access Control Interface	Wiegand 26/34 Optional, Input/ Output Optional
Anti-pass back	Available
Alarm	Threatens Alarm, Anti-dismantlement Alarm, Unlock Illegally Alarm, Circumscribed Alarm, Time-out Alarm
Power	DC 12V/1A
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%
Size of the Terminal	181(L)*91(W)*36(H)mm



ZDC153X Fingerprint Time Attendance

FIGURE 1



FIGURE 2



Advantages:

1. 3.5 inch TFT screen and with Linux Operating System.
2. Fingerprint capacity in standard is 5,000, and availably customizes 10,000.
3. 100,000 events for attendance log capacity.
4. TCP/IP + U disk download + USB + ID etc
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Function:

Model	USB Communication	USB Flash Driver Download	SD Card Download	TCP/IP Communication	Web Service	ID Card	Camera	Backup Battery	Figure	Listed Time
ZDC1531U	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIGURE 1 (GREY)	LISTED
ZDC1532T	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIGURE 2	LISTED
ZDC1533WEB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIGURE 2	UNLISTED
ZDC1534ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIGURE 1 (BULE)	LISTED
ZDC1535CAM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIGURE 2	LISTED
ZDC1536BAT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	FIGURE 1 (BULE)	UNLISTED
ZDC1535CAM+ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIGURE 2	LISTED

FIGURE 1 (GREY)



FIGURE 1 (BLUE)



ZDC153X -- FIGURE 1 Technical Specifications:

Model	ZDC1531U	ZDC1534ID	ZDC1536BAT
TFT	3.5inch TFT, Color screen		
Fingerprint Sensor Resolution	500DPI		
Hardware Platform	ARM9		
Operating System	Linux		
Rotational Angle	Total Rotational Angle		
FRR	≤0.1%		
FAR	≤0.0001%		
Identification Time	≤1 S		
Query Record	Available		
Real Time Fingerprint Picture Display	Available		
Operating Mode	Off-line/On-line		
Authentication Mode	1:1、1:N		
Identification Mode	Fingerprint	Fingerprint/ ID Card	Fingerprint/ ID Card
Fingerprint Capacity	5,000(10,000 – 30,000 optional)		
Log Capacity	100,000 events		
Proximity Card	Unavailable	Available	Optional
Communication	USB	USB、TCP/IP	USB、TCP/IP/WEB
DHCP	Unavailable	Available	Available
USB Flash Driver up/download	Available		
Language	Chinese, English, Korean		
Voice prompt	Available		
Message notification	Available		
Capacity notification	Alarm when log capacity is full		
Bell	Built-in timing bell		
Power	DC 12V/1A		
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%		
Size of the Terminal	190(L)*140(W)*37(H)mm		



ZDC153X -- FIGURE 2 Technical Specifications:

FIGURE 2



Model	ZDC1532T	ZDC1533WEB	ZDC1535CAM
TFT	3.5inch TFT, Color screen		
Fingerprint Sensor Resolution	500DPI		
Hardware Platform	ARM9		
Operating System	Linux		
Rotational Angle	Total Rotational Angle		
FRR	≤0.1%		
FAR	≤0.0001%		
Identification Time	≤1 S		
Query Record	Available		
Real Time Fingerprint Picture Display	Available		
Operating Mode	Off-line/On-line		
Authentication Mode	1:1、1:N		
Identification Mode	Fingerprint, Password, Proximity Card (optional, compostable)		
Fingerprint Capacity	5,000(10,000 optional)		
Log Capacity	100,000 events	100,000 events	100,000events (photo logs in SD card)
Proximity Card	Unavailable	Unavailable	Available
Communication	USB; TCP/IP	USB;TCP/IP;WEB	USB;TCP/IP
DHCP	Available		
Data up/download	USB Flash Driver	USB Flash Driver	SD Card
Language	Chinese, English, Korean		
Voice prompt	Available		
Message notification	Available		
Capacity notification	Alarm when log capacity is full		
Bell	Built-in timing bell		
Camera	Unavailable	Unavailable	Available
Web Service	Unavailable	Available	Unavailable
Power	DC 12V/1A		
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%		
Size of the Terminal	190(L)*140(W)*37(H)mm		



ZDC152X Fingerprint Time Attendance

FIGURE 1



FIGURE 2



Advantages:

1. 2.4 inch TFT screen and with Linux Operating System.
2. Fingerprint capacity in standard is 5,000, and availably customizes 10,000.
3. 100,000 events for attendance log capacity.
4. TCP/IP + U disk download + USB + ID etc
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Function:

Model	USB Communication	USB Flash Driver Download	SD Card Download	TCP/IP Communication	ID Card	Camera	Figure	Listed Time
ZDC1522T	●	●	○	●	○	○	FIGURE 2	LISTED
ZDC1525CAM	●	●	●	●	●	●	FIGURE 1	UNLISTED



Model	ZDC1522T	ZDC1525CAM
TFT	2.4 inch TFT, Color screen	
Fingerprint Sensor Resolution	500DPI	
Hardware Platform	ARM9	
Operating System	Linux	
Rotational Angle	Total Rotational Angle	
FRR	≤0.1%	
FAR	≤0.0001%	
Identification Time	≤1 S	
Query Record	Available	
Real Time Fingerprint Picture Display	Available	
Operating Mode	Off-line/On-line	
Authentication Mode	1:1、1:N	
Identification Mode	Fingerprint, Password, Proximity Card (optional, compostable)	
Fingerprint Capacity	5,000(10,000 optional)	
Log Capacity	100,000 events	100,000events (photo logs in SD card)
Proximity Card	Unavailable	Available
Communication	USB; TCP/IP	USB;TCP/IP
DHCP	Available	
Data up/download	USB Flash Driver	SD Card
Language	Chinese, English, Korean	
Voice prompt	Available	
Message notification	Available	
Capacity notification	Alarm when log capacity is full	
Bell	Built-in timing bell	
Camera	Unavailable	Available
Web Service	Unavailable	Unavailable
Power	DC 12V/1A	
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%	
Size of the Terminal	154(L)*110(W)*41(H)mm	



ZDC163X Time Attendance



Advantages:

1. Strictly follow the national security product standard. The identification time is less than 1 second.
2. Adopting the 3.5 inch TFT color and touch screen, the lead-edge technology in the industry. And with an internal Linux operating system, it's easier to operate.
3. Adopting the USB communication, U disk up/download the attendance record and fingerprint data. Once the user registers his or her fingerprint data, the FP data can be shared through the U disk, while no need to connect the computer directly.
4. Processing the attendance function key, makes the attendance records more definite and makes the data maintenance simpler.
5. The desktop management software RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

ZDC163X Technical Specifications:

Model	ZDC1631U	ZDC1633WEB	ZDC1634ID
TFT	3.5inch TFT, Color Touch screen(320*240)		
Fingerprint Sensor Resolution	500DPI		
Operating System	Linux		
Rotational Angle	Total Rotational Angle		
FRR	≤0.1%		
FAR	≤0.0001%		
Identification Time	≤1 S		
Query Record	Available		
Real Time Fingerprint Picture Display	Available		
Operating Mode	Off-line/On-line		
Authentication Mode	1:1、1:N		
Identification Mode	Fingerprint, Password, Card(Optional)		
Fingerprint Capacity	5,000 (10,000optional)		
Log Capacity	100,000 events		
Proximity Card	Unavailable	Available	Available
Internal Web Application Service	Unavailable	Available	Optional
Communication	USB	USB、TCP/IP	USB、TCP/IP
DHCP	Unavailable	Available	Available
U disk up/download	Available		
Language	Chinese, English, Korean		
Voice prompt	Available		
capacity notification	Alarm when log capacity is full		
Bell	Built-in timing bell		
Power	DC 12V/1A		
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%		
Size of the Terminal	144(L)*96(W)*41(H)mm		



ZDC20 Fingerprint Time Attendance



Advantages :

1. 2.8 inch TFT screen.
2. Fingerprint capacity in standard is 1,000
3. 100,000 events for attendance log capacity.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC20
TFT	2.8 inch TFT, Color Screen
Fingerprint Sensor Resolution	500DPI
Operating System	Built-in firmware program
Fingerprint Capacity	1,000
Log Capacity	100,000 events
Communication	USB
USB Flash Driver Up/Download	Available
Identification Mode	Fingerprint
Rotational Angle	Total Rotational Angle
Identification Time	≤ 1s
FRR	≤ 0.1%
FAR	≤ 0.0001%
Real Time Fingerprint Picture Display	Available
Operating Mode	Off-line / Online
Authentication Mode	1: 1, 1: N
Language	Chinese, English, Korean
Voice Prompt	Available
Capacity Notification	Alarm when log capacity is full
Bell	Built-in Timing Bell
Power	DC 12V/1A



ZDC30 Fingerprint Time Attendance



Advantages:

1. 2.8 inch TFT screen.
2. Fingerprint capacity in standard is 1,000
3. 100,000 events for attendance log capacity.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC30
TFT	2.8 inch TFT, Color Screen
Fingerprint Sensor Resolution	500DPI
Operating System	Built-in firmware program
Fingerprint Capacity	1,000
Log Capacity	100,000 events
Communication	USB
USB Flash Driver Up/Download	Available
Identification Mode	Fingerprint
Rotational Angle	Total Rotational Angle
Identification Time	≤ 1s
FRR	≤ 0.1%
FAR	≤ 0.0001%
Real Time Fingerprint Picture Display	Available
Operating Mode	Off-line / Online
Authentication Mode	1: 1, 1: N
Language	Chinese, English, Korean
Voice Prompt	Available
Capacity Notification	Alarm when log capacity is full
Bell	Built-in Timing Bell
Power	DC 12V/1A



ZDC50/C50T Fingerprint Time Attendance



Advantages :

1. 2.8 inch TFT screen.
2. Fingerprint capacity in standard is 1,000 for ZDC50, 2,000 for ZDC50T.
3. 100,000 events for attendance log capacity for ZDC50, 200,000 events for ZDC50T.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC50	ZDC50T
TFT	2.8 inch TFT, Color Screen	
Fingerprint Sensor Resolution	500DPI	
Operating System	Built-in firmware program	
Fingerprint Capacity	1,000	
Log Capacity	100,000 events	
Communication	USB	USB , TCP/IP
USB Flash Driver Up/Download	Available	
Identification Mode	Fingerprint / Password / Proximity Card	
Rotational Angle	Total Rotational Angle	
Identification Time	≤ 1s	
FRR	≤ 0.1%	
FAR	≤ 0.0001%	
Real Time Fingerprint Picture Display	Available	
Operating Mode	Off-line / Online	
Authentication Mode	1: 1, 1: N	
Language	Chinese, English, Korean	
Voice Prompt	Available	
Capacity Notification	Alarm when log capacity is full	
Bell	Built-in Timing Bell	
Power	DC 12V/1A	



ZDC60/C60T Fingerprint Time Attendance



Advantages:

1. 2.4 inch TFT screen.
2. Fingerprint capacity in standard is 1,000 for ZDC60, 2,000 for ZDC60T.
3. 100,000 events for attendance log capacity for ZDC60, 200,000 events for ZDC60T.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC60	ZDC60T
TFT	2.4 inch TFT, Color Screen	
Fingerprint Sensor Resolution	500DPI	
Operating System	Built-in firmware program	
Fingerprint Capacity	1,000	
Log Capacity	100,000 events	
Communication	USB	USB , TCP/IP
USB Flash Driver Up/Download	Available	
Identification Mode	Fingerprint / Password / Proximity Card	
Rotational Angle	Total Rotational Angle	
Identification Time	≤ 1s	
FRR	≤ 0.1%	
FAR	≤ 0.0001%	
Real Time Fingerprint Picture Display	Available	
Operating Mode	Off-line / Online	
Authentication Mode	1: 1, 1: N	
Language	Chinese, English, Korean	
Voice Prompt	Available	
Capacity Notification	Alarm when log capacity is full	
Bell	Built-in Timing Bell	
Power	DC 12V/1A	



ZDC80/C80T Fingerprint Time Attendance



Advantages:

1. 2.8 inch TFT screen.
2. Fingerprint capacity in standard is 1,000 for ZDC80, 2,000 for ZDC80T.
3. 100,000 events for attendance log capacity for ZDC80, 200,000 events for ZDC80T.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC80	ZDC80T
TFT	2.8 inch TFT, Color Screen	
Fingerprint Sensor Resolution	500DPI	
Operating System	Built-in firmware program	
Fingerprint Capacity	1,000	
Log Capacity	100,000 events	
Communication	USB	USB, TCP/IP
USB Flash Driver Up/Download	Available	
Identification Mode	Fingerprint / Password / Proximity Card	
Rotational Angle	Total Rotational Angle	
Identification Time	≤ 1s	
FRR	≤ 0.1%	
FAR	≤ 0.0001%	
Real Time Fingerprint Picture Display	Available	
Operating Mode	Off-line / Online	
Authentication Mode	1: 1, 1: N	
Language	Chinese, English, Korean	
Voice Prompt	Available	
Capacity Notification	Alarm when log capacity is full	
Bell	Built-in Timing Bell	
Power	DC 12V/1A	



ZDC90/C90T Fingerprint Time Attendance



Advantages:

1. 3.5 inch TFT screen.
2. Fingerprint capacity in standard is 1,000 for ZDC90, 2,000 for ZDC90T.
3. 100,000 events for attendance log capacity for ZDC90, 200,000 events for ZDC90T.
4. USB Flash Driver download + USB Communication
5. The RIMS (Realand Information Management System) is improving unceasingly and the customers are free to the upgrade ones.

Technical Specification:

Model	ZDC90	ZDC90T
TFT	3.5 inch TFT, Color Screen	
Fingerprint Sensor Resolution	500DPI	
Operating System	Built-in firmware program	
Fingerprint Capacity	1,000	
Log Capacity	100,000 events	
Communication	USB	USB , TCP/IP
USB Flash Driver Up/Download	Available	
Identification Mode	Fingerprint / Password / Proximity Card	
Rotational Angle	Total Rotational Angle	
Identification Time	≤ 1s	
FRR	≤ 0.1%	
FAR	≤ 0.0001%	
Real Time Fingerprint Picture Display	Available	
Operating Mode	Off-line / Online	
Authentication Mode	1: 1, 1: N	
Language	Chinese, English, Korean	
Voice Prompt	Available	
Capacity Notification	Alarm when log capacity is full	
Bell	Built-in Timing Bell	
Power	DC 12V/1A	