

.....	1
.....	3
.....	12
.....	25
.....	25
.....	38
.....	53

87.5

87.5

"

"

10

1.

2.

3.

"

"

"

"

4.

3

-

3 4

2021 11 24 2021 12 4

5

0

2021 12 4 09 00

10

(475 5 528)

2021 12 4 09 00

(475 5 528)

3

1.

1.

1

18019817962

2.

475 5 528

0550-3023099 15212199034

3.

18019817962 0550-3023099 15212199034

1		-
2		10
3		" "
4		
5		18019817962
6		0550-3023099 15212199034
7		
8		87.5
9		
10		
11		" "
12		,
13		
14		<p>2021 11 28 17</p> <p>(971219662@qq.com) 2021 11 30</p> <p>17</p> <p>https://csci.chzu.edu.cn/hccggg/list.htm</p>
15		

16		5000 (
17		10.2
18		87.5 " "
19		60
20		" "
21		
22		
23		2021 12 4 09 00 (475 5 528)
24		
25		(475 5 528)
26		
27		
28		<u>1-3</u>
29		https://csci.chzu.edu.cn/hccggg/list.htm
30		

31		
	<p style="text-align: center;">90% 10%</p> <p style="text-align: right;">40%</p>	
	<p style="text-align: center;">https://csci.chzu.edu.cn/hccggg/list.htm</p>	
	<p>1</p> <p>2</p> <p>3</p> <p>4</p>	

1.

1.1

1.2

:

:

1.3

1.4

2.

2.1

2.2

3.

3.1

4.

4.1

5.

5.1

6.

6.1

7.

8.

8.1

9.

9.1

9.2

9.3

9.4

10.

10.1

10.2

10.3

11.

12.

13.

14.

14.1

26

14.2

14.3

14.4

14.5

14.6

1

2

15.

16.

16.1

16.2 16.1

16.3

2021 11 28 17

(971219662@qq.com)

16.4

<https://csci.chzu.edu.cn/hccggg/list.htm>

17.

17.1

<https://csci.chzu.edu.cn/hccggg/list.htm>

17.2

17.3

18.

18.1

19.

19.1

,

19.2

20.

20.1

20.2

21.

21.1

21.2

21.3

1

"

"

2

3

22.

22.1

22.2

22.3

22.4

"

"

22.5

22.6

22.7

22.8

22.9

22.10

22.12

22.13

23.

23.1

28.3

29.

29.1

29.1.1 27

29.2

29.2.1

29.3

29.4



1

2

3

4

5 ()

6

7

8

(9)

(10)

11

29.5

30.

30.1

30.1.1

30.1.2

30.2

30.3

1

2

3

4

5

30.4

1

2

3

4

5

6

7

8

9

10

11

30.5

31.

31.1

31.1.1

31.1.2

31.1.3

31.1.4

31.2

31.2.1 " "

" "

31.3

31.3.1

31.4

31.4.1

31.5

31.5.1

31.5.2

31.6 :

1

2

31.7

31.7.1

32.

32.1

32.1.1

32.1.2

32.2

32.2.1 7

32.2.2

32.2.3

33.

33.1

34.

34.1 32

35.

35.1 30

35.2 35.1

35.3 35.1

35.4

36.

36.1 "

"

36.2 36.1

36.3

37.

37.1

38.

38.1

39.

39.1

39.2

"

40.

40.1

41.

41.1

41.2

41.1

41.3

41.4

41.5

41.6

1.

1.1

1.2

2

2.1

2.1.1

2.1.2

2.2

2.2.1

2.2.2

2.2.3

2.2.4

2.3

2.3.1

2.3.2

2.3.3

2.4

2.4.1

2.5

2.5.1

2.6

3. :

3.1

1		(1)	
2		2	" "
		3	
		4	
3			

4.

4 1

1		1	" "
		2	
		3	
		(4)	60
2		5	
		6	
3		7	
		8	

4.2

4.3

4.4 20

4.5

5.1

5.2

5.3

5.3.1

5.3.2

5.4

6.1

6.1.1

6.1.2

6.1.3

6.1.4

6.2

23

4	15	<p>-11 11 15 15 7-2 2 11-7 7 1</p> <p>.mp4 " + "</p> <p>2021</p> <p>12 4 09 00 2021 12 4 9 30</p> <p>cxzbdlgs@163.com</p>
5	6	<p>6 6 -4 4 4-2 2 1</p>
6	6	<p>6 6 -4 4 4-2 2 1</p>

		*94%										2020
		46										
		2	=									
		3	=	/						* 20		
		4										

1.

2.

7

7.1

1-3

8.

8.1

(1)

8.2

1

2

3

4

5

6

7

8

9

10

11

12

13

8.3

1

2

3

4

;

5

6

7

8

9

;

10

8.4

,

1

2

3

4

1			1		2
			1		
			1		
			1		
			1		
		RFID	1		
			1		
			1		
			1		
			1		
			1		
			6		
			6		
		2			
	1				
	1				
	1				
	1				
RFID	1				
	1				
	1				
	1				
	1				
3			1		6
			1		
			1		
			1		
			1		
			1		
		RFID	2		
			1		
			1		
			1		
			1		
			1		
			1		
			1		
			4		
		4			
	1				
	1				
	1				
	1				
RFID	2				
	1				
	1				

			1		
			1		
			1		
			1		
			1		
			10		
		128G	5		
			1		
			1		
5			1		30
			1		
			1		
			1		
			1		
6			1		26
			1		
			1		

2

1		DS-K1F1001F USB-B	1) 4G 2) 3) 11 4) 662 8 2.0GHz 5) 5MP 8MP 6) 3GB 32GB 1TB TF 7) 10.4 2000*1200 8) 7030mAh 9) 158*248*7 477g		
2		DK309	1) 14443A/B CPU M1 Desfire Felica 2) 3-5cm 3) 13.56MHz 4) 106kbps 212kbps 424kbps 5) 450mAh 6) MicroUSB 7) IOS		
3		dell 3690	1) i3-10105 2) 8G DDR4 2666MHz 3) 256GPCI +1TB 4) 21.5 5) Windows10 6) 7) 3		
4		EA55	1) Wi Fi 2) 4 64 A53CPU 1.5GB 8GB 3) 4) 16 9 4k 55 5) MIUI		
5		DS-K1F1001F USB-B	USB Windows10 /		
6	RFID	YMC155-D1	USB ISO14443A 13.56 MHz 110*80*26(mm) MI fare1 S50 S70 ISO14443A 5cm		
7		2	1) + 280*280*22mm 2) LED 3) 3 1.5V 7 AAA		

			4) 100g-150kg 5) 5.0 6) 0 40
8		Yuwei I 590B	1) 1 2) 1.1MMOL/L-33.3MMOL/L 3) DC3V, 2 7 4) 30%-60% 5) 250 6) 1000 7) 5.0 8)
9		YE680A	1) 295mmHg 20MS 2) 1 3) 5.0 4) 5.0 5) 5.0 6) 5.0 7) 5.0 8)
10		CEM DT-8806	1) BLE 2) 32-42.5 0-60 ± 0.2 3) 5-15cm 4) 0.5 5) 32 6) 2*5 7) 148g
11		A9S	1) GPS AGPS GPS 20m 2) SOS 3) Wi-Fi 4) 38*38*12 mm 5) 3 6) 3 7) 3 8) 3 9) 3 10) 3 11) 3 12) 3
12		HTJR-800	1. / 1) / 2) " 3) APP 4) 1 1 5) * * mm 600*800*10 2. 1) 2) 2 3) 3 / 4) 5) 3. 1) / / 2) 3)

			a) b) 4) 5) 6) 2 7) " "
13	(del i) 15164		1) 357*412*314mm 2) 1s 3) 4) windows cmos 5) 1200 6) 7) ABS 8) 6 LED 9) OCR
14	KASBON	1000 /	1) 17.3 2) 3) 4) VGA+HDMI 5) 6) Dell OptiPlex 3080MFF
15	mai kete TX-173L		

20	WL8022T 2G 16G NFC	1) 8.1 2) 8.1 3) :RK3288 4) Wi Fi 5) TF 6) USB2.0 HOST 7) 8) 9) 500 10) 12v/1.5A	5 RAM: 2GB NFC RS232 3.5mm	1280*800 16GB TypeC 2200mAh
----	-----------------------	---	--	--------------------------------------

--	--	--	--	--

1

2

1

1

1

2

3

2

12

4 7×24

5

6

7

1.

2.

3

3.

4.

5.

:

1

2

2021

2021

1

-

1

2

10

0.5

2

1

2

1

2

40%

90%

2

1

1

2

3

4

5

1

1

2

3

1

2

1

2

1

1

2

1

2

1

2

5

6

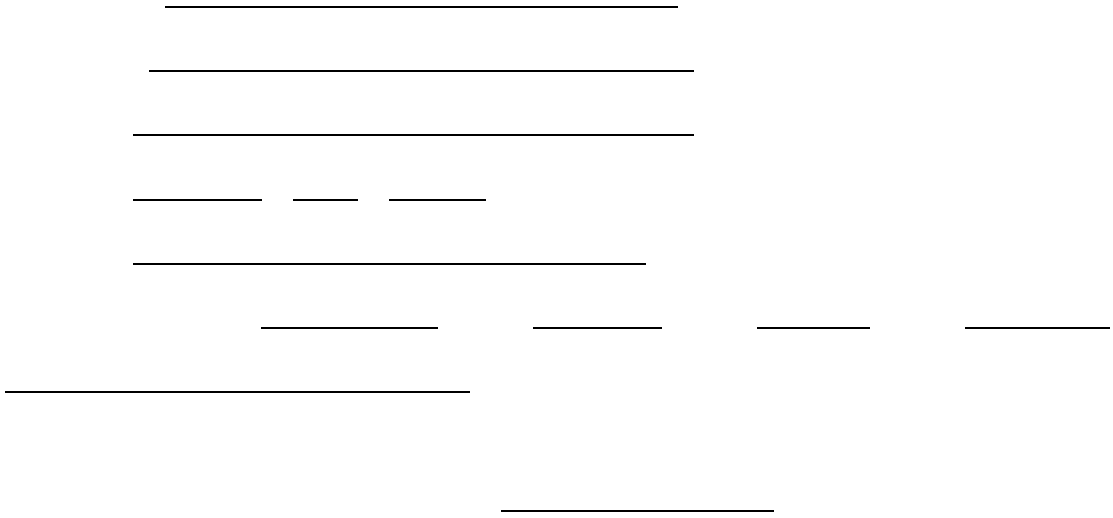
7

8

" "

1

1



2



2

3



1

2

3

4

5

6

"

"

7

8

9

"

"

10

3



1

2

3

4

1

() _____

1

2

3

4

5

6

\	() _____ _____
	() _____ _____

1

" _____ "

()

2

" _____ "

3

4

5

6

1						
2						
3						
...						
$1+2+3+\dots$ _____						

1.

2

3

" " " " " "

2017 141

()

1		
2		—
3		— — — — —
4		

18019817962

2021 11

0550-3023099 15212199034

2021 11