

## Special orders

Command quick	NO	The command	instruction
Print command	01	GS ( k pL pH cn fn m (fn=81)	Print the QR code
	02	GS k m v r nL nH d1...dk	Print qr code
Paper cutting command	03	GS V m 和 GS V m n	Select the cutting pattern and cut the paper
	04	ESC i	The whole paper cutting
	05	ESC m	A paper cutting
Black label set	06	ESC B n	Set black label to detect maximum length
	07	GS FF	Enter black label paper to print start position
Accessibility Settings	08	ESC 8 n1 n2	Setting sleep parameters
	09	ESC p m t1 t2	Generate the chest pulse
State instruction	10	DLE ENQ n <span style="color: blue;">(New features )</span>	Real-time printer requests
	11	GS a n <span style="color: blue;">(New features )</span>	Allow and prohibit automatic status reply (ASB)
The new directive	12	GS ‘ n x1sL x1eH x1eL x1eH ...	Horizontal position printing line segment (curve print command)

01	GS ( k pL pH cn fn m (fn=81)	
Instruction names	Print the QR code	
Instruction code	ASCII CODE	GS ( k pL pH cn fn m
	Decimal code	29 40 107 pL pH cn fn m
	Hexadecimal code	1D 28 6b pL pH cn fn m
Functional description	Print the data to receive QR codes in a 2d barcode area.	
parameters	pL=3, pH=0 cn=49 fn=81 m=48	
The default value	无	
considerations	The user must consider the space of the QR code graphics (the spacing of the QR code graphics and the spacing of the left and right are specified in the specification).	
And according to	无	
Use the sample	QR code test data (hexadecimal) 1b 40 1d 28 6b 03 00 31 43 03 1d 28 6b 03 00 31 45 30 1d 28 6b 06 00 31 50 30 41 42 43 1b 61 01 1d 28 6b 03 00 31 52 30 1d 28 6b 03 00 31 51 30 instruction : 1b 40 Printer initialization 1d 28 6b 03 00 31 43 03 Set the QR code graphics unit module to 3 point x 3 point 1d 28 6b 03 00 31 45 30 Set the QR code to verify class L 1d 28 6b 06 00 31 50 30 41 42 43 Transmit QR code data "ABC" 1b 61 01 Graphics centered 1d 28 6b 03 00 31 52 30 See if the QR code data is normal	

	1d 28 6b 03 00 31 51 30 Print the QR code
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02	GS k m v r nL nH d1...dk	
Instruction names	Print qr code	
Instruction code	ASCII CODE	GS k m v r nL nH d1...dk
	Decimal code	29 107 97 v r nL nH d1...dk
	Hexadecimal code	1D 6B 61 v r nl nH d1...dk
Functional description	Print qr code V represents the specification of qr code, and v = 0 means automatic selection of qr code specifications R stands for error correction NL nH represents the data length D1... Dk represents the qr code data to be printed	
parameters	$0 \leq v \leq 17$ $1 \leq r \leq 4$ $k = nL + 256 * nH$	
The default value	nothing	
considerations	nothing	
And according to	nothing	
Use the sample	<pre> 1b 40 1D 6B 61 08 02 08 00 30 31 32 33 34 35 36 37 0A  instruction : void Print_Qr(u8 *p, u16 Size) {     u16 i;      u3_print(0x1D);     u3_print(0x6B);     u3_print(0x61);      //In the range 0&lt;= v &lt;= 17     u3_print(10); //v Indicates the size of qr code      //r Indicates the level of error correction           </pre>	

```
//In the range 1<= r <= 4
u3_print(0x02);

//nL nH Data length
u3_print(Size % 256); // nL
u3_print(Size / 256); // nH

//The data length is equal to nL + 256 *nH
for(i = 0; i < Size; i++)
{
u3_print(*(p + i));
}

u3_print(0x0A);

}

If you want to generate a qr code for ABCD, you call this function
Such as: Print_Qr (" ABCD "); Can.
```

03		GS V m and GS V m n									
Instruction names	Select the cutting pattern and cut the paper										
Instruction code	ASCII CODE	GS V m									
	Decimal code	29 86 m									
	Hexadecimal code	1D 56 m									
	ASCII CODE	GS V m n									
	Decimal code	29 86 m n									
	Hexadecimal code	1D 56 m n									
Functional description	<p>Choose a paper cutting pattern and cut paper.  Select the paper-cutting mode according to the value of m, as shown below :</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>M</th> <th>Paper cutting patterns</th> </tr> </thead> <tbody> <tr> <td>0, 48</td> <td>All cut</td> </tr> <tr> <td>1, 49</td> <td>Half cut</td> </tr> <tr> <td>66</td> <td>Paper cutting and cutting paper</td> </tr> </tbody> </table>			M	Paper cutting patterns	0, 48	All cut	1, 49	Half cut	66	Paper cutting and cutting paper
M	Paper cutting patterns										
0, 48	All cut										
1, 49	Half cut										
66	Paper cutting and cutting paper										
parameters	① m = 0, 48, 1, 49 ② m = 66, 0 ≤ n ≤ 255										
The default value	Nothing										
considerati	This command is only effective at the beginning 。 • m = 0, 48, 1, 49, The printer cuts the paper directly。										

ons	<ul style="list-style-type: none"> <li>• when m = 66, the printer is in the paper [print position to the distance between the cutting knife + n x (longitudinal unit of movement)] and then cut the paper.</li> <li>• horizontal moving units and longitudinal moving units are set by the GS P command.</li> <li>• the volume of feed is calculated using a longitudinal moving unit.</li> </ul>
And according to	Nothing
Use the sample	1B 40 30 30 30 0D 0A 1D 56 00 30 30 30 0D 0A 1D 56 01 30 30 30 0D 0A 1D 56 42 00

04		ESC i	
Instruction names	The whole paper cutting		
Instruction code	ASCII CODE	ESC i	
	Decimal code	27 105	
	Hexadecimal code	1B 69	
Functional description	Select the cutter mode and all cut		
parameters	Nothing		
The default value	Nothing		
considerations	Nothing		
And according to	Nothing		
Use the sample	1B 40 30 30 30 0D 0A 1B 69		

05		ESC m	
Instruction	A paper cutting		

names		
Instruction code	ASCII CODE	ESC m
	Decimal code	27 109
	Hexadecimal code	1B 6D
Functional description	Nothing	
parameters	$0 \leq n \leq 255$	
The default value	Nothing	
considerations	Nothing	
And according to	Nothing	
Use the sample	1B 40 30 30 30 0D 0A 1B 6D	

06	ESC B n	
Instruction names	Set the maximum length of the black mark	
Instruction code	ASCII CODE	ESC B n
	Decimal code	27 67 n
	Hexadecimal code	1B 43 n
Functional description	<b>With the current row spacing as the unit, the black mark range is defined by the number of rows, and the default value is 4 inches.</b>	
parameters	Nothing	
The default value	Nothing	
considerations	Nothing	

ons	
And according to	Nothing
Use the sample	Nothing

07		GS FF	
Instruction names	Enter black label paper to print start position		
Instruction code	ASCII CODE	GS	FF
	Decimal code	29	12
	Hexadecimal code	1D	0C
Functional description	Enter black label paper to print start position		
parameters	Nothing		
The default value	Nothing		
considerations	This command sets the next print location to the start line.		
And according to	Nothing		
Use the sample	Nothing		

08		ESC 8 n1 n2			
Instruction names	Setting sleep parameters				
Instruction code	ASCII CODE	ESC	8	n1	n2
	Decimal code	27	56	n1	n2
	Hexadecimal	1B	38	n1	n2

	code	
Functional description	<p>After setting free time, the control board enters the sleep time.  <math>N1 + n2 * 256</math> sleep wait time, unit (10 ms), default value 0;  A value of 0 is equal to not sleeping. The minimum value is 200 milliseconds when it is not equal to 0.  After entering the sleep, the host must first send a byte of data (0xff) to wake the control panel and wait 50 milliseconds before starting to send the print command or data.  Description: this command is mainly used for battery power supply system and requires low power consumption.</p>	
parameters	Nothing	
The default value	Nothing	
considerations	Nothing	
And according to	Nothing	
Use the sample	Nothing	

09	ESC p m t1 t2	
Instruction names	Generate the chest pulse	
Instruction code	ASCII CODE	ESC p m t1 t2
	Decimal code	27 112 m t1 t2
	Hexadecimal code	1B 70 m t1 t2
Functional description	The output pulse (the pulse is specified by t1 and t2) to the pins specified by m	
parameters	$m=0,1,48,49$ $0 \leq t1 \leq 255$ $0 \leq t2 \leq 255$	
The default value	Nothing	
considerations	1. The box pins are specified by m ;	



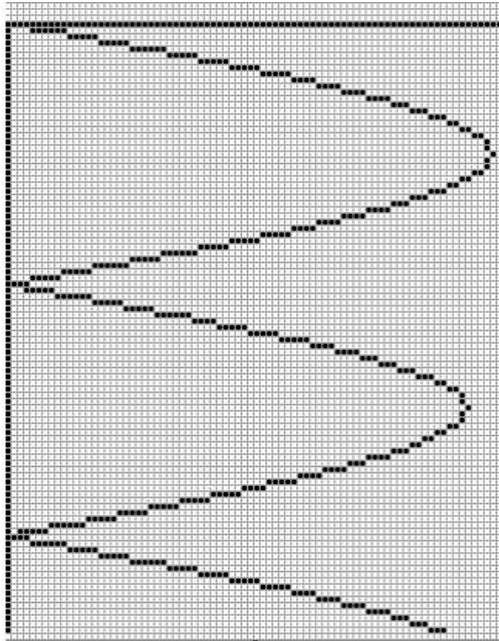
ons	<table border="1"> <tr> <th>m</th> <th>function</th> </tr> <tr> <td>0,48</td> <td>Cash box opening/closing signal (connecting pin 2)</td> </tr> <tr> <td>1,49</td> <td>Cash box opening/closing signal (connecting pin 5)</td> </tr> </table>	m	function	0,48	Cash box opening/closing signal (connecting pin 2)	1,49	Cash box opening/closing signal (connecting pin 5)
	m	function					
	0,48	Cash box opening/closing signal (connecting pin 2)					
1,49	Cash box opening/closing signal (connecting pin 5)						
<p>2. The box opens always [t1 * 2ms], while the closing time is [t2 * 2ms].</p> <p>3. If t2 &lt; t1, then the closure is [t1 * 2ms].</p>							
And according to	Nothing						
Use the sample	<p>1B 40</p> <p>1B 70 00 60 60</p> <p>1B 70 01 60 60</p>						

10	DLE ENQ n							
Instruction names	Real-time printer requests							
Instruction code	ASCII CODE	DLE ENQ n						
	Decimal code	16 5 n						
	Hexadecimal code	10 05 n						
Functional description	<p>The printer responds to the host request. N specifies the following request :</p> <table border="1"> <thead> <tr> <th>n</th> <th>request</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Start again from error recovery and start from the wrong line .</td> </tr> <tr> <td>2</td> <td>Recover from error after clearing the receiving and printing buffer .</td> </tr> </tbody> </table>		n	request	1	Start again from error recovery and start from the wrong line .	2	Recover from error after clearing the receiving and printing buffer .
n	request							
1	Start again from error recovery and start from the wrong line .							
2	Recover from error after clearing the receiving and printing buffer .							
parameters	n = 1, 2							
The default value	Nothing							
considerations	<p>This command is valid only when the automatic paper cutter error occurs when the deck opens the error. The printer starts processing the data as soon as it receives the command.</p> <p>This command is still executed even if the printer is offline and the print buffer is full or the serial interface mode is wrong.</p> <p>In parallel interface mode, this command cannot be executed when the printer is busy.</p> <p>No matter when you receive &lt; 10 &gt; H &lt; 05 &gt; H &lt; n &gt; (1 or less than n = 2), the data sequence will be sent.</p> <p>Such as: ESC * m nH nH dk, d1 = &lt; 10 &gt; H, d2 = &lt; 05 &gt; H, d3 = &lt; 01 &gt; H</p> <p>In a data containing two or more bytes of command, this command cannot be used.</p> <p>Such as: If you want to send the ESC 3n to the printer, but before n is sent, the DTR (for the host is DSR) will become MARK, so the DLE ENQ2 is interrupted before n is received. DLE ENQ 2 code &lt; 10 &gt; H will be treated as ESC 3 code &lt; 10 &gt; H.</p> <p>DLE ENQ 2 allows the printer to recover from the error state after the data in the receive buffer and print</p>							

	buffer is cleared. The printer retains the Settings for the valid state when the error occurs (ESC! ESC3, etc. You can use this command and ESC @ to initialize the printer completely. This command is only valid for errors that are likely to be restored, except for a header temperature error.
And according to	Nothing
Use the sample	10 05 01

11	GS a n				
Instruction names	Allow and prohibit automatic status reply (ASB)				
Instruction code	ASCII CODE	GS a n			
	Decimal code	29 97 n			
	Hexadecimal code	1d 61 n			
Functional description	The ASB is allowed or prohibited, and the included status items are specified by n, as shown below :				
	Place	Close/Open	Hexadecimal code	Decimal code	ASB state
	0	-	-	-	undefined
	1	-	-	-	undefined
	2	Close	00	0	Error status forbidden
		Open	04	4	Error status permitting
	3	Close	00	0	Printing paper roll sensor status is prohibited
		Open	08	8	Printing paper roll sensor status allows
4-7	-	-	-	undefined	
parameters	$0 \leq n \leq 255$				
The default value	Nothing				
considerations	<p>If any of the state items in the table is allowed, the printer loses state when the command is executed. As soon as the "allowed" status changes, the printer automatically transfers state. Because each state transfer represents the current state, the prohibited status item can be changed.</p> <p>The ASB function is also prohibited if all status items are prohibited.</p> <p>If ASB is allowed as the default setting, the printer is transferred when the printer is opened for the first time to receive and transmit printer data.</p> <p>Transfer the following four status bytes without having to determine if the host is ready to receive data. The four state bytes must be contiguous, except for XOFF code.</p>				

	<p>Because the command data is processed in the receiving buffer, there may be a lag time between the data receive and the state transfer.</p> <p>When using DLE EOT, you must distinguish between the state of these commands and the state of ASB.</p>
And according to	Nothing
Use the sample	1D 61 08

12	GS 'n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH	
Instruction names	Horizontal position printing line segment (curve print command)	
Instruction code	ASCII CODE	GS 'n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH
	Decimal code	1D 27 n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH
	Hexadecimal code	29 39 n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH
Functional description	<p>The printed enlargement diagram is shown below: each horizontal curve segment can be considered as a component of these points with length 1. Print n line segments, and you can print out the desired curves continuously using this command.</p>  <p>XksL: horizontal coordinates of the lower level of K line;  XksH: the horizontal coordinate of the starting point of the K line;  XkeL: the horizontal coordinates of low order at the end of K line;  XkeH: the horizontal coordinate of the higher order at the end of the K line;</p> <p>The starting position of the coordinates is usually the left of the printed area. The minimum coordinates are (0, 0) and the maximum coordinates are 383, xkeL + xkeH * 256</p> <p>The line data can be arranged in a different order;  Char SendStr[8];</p>	

```

Char SendStr2[16];
Float i;
Short y1, y2, y1s, y2s;
//Print the Y axis (a line)
SendStr[0]=0x1D;
SendStr[1]=0x27;
SendStr[2]=1; // A line of
SendStr[3]=30
SendStr[4]=0; //The starting point
SendStr[5]=104;
SendStr[6]=1; //The end point
PreSendData(SendStr, 7);

//Print curve
SendStr[0]=0x1D;
SendStr[1]=0x27;
SendStr[2]=3; //Three lines:X-axis, sin and cos function curve
SendStr[3]=180; SendStr[4]=0; // The X axis location
SendStr[5]=180; SendStr[6]=0;
for(i=1; i<1200; i++)
{
    y1=sin(i/180*3.1416)*(380-30)/2+180; //Calculate the sine function
    y2=cos(i/180*3.1416)*(380-30)/2+180; //Compute the cosine function coordinates
    If(i==1) {y1s=y1; y2s=y2;}
    PreSendData(SendStr, 7);

    If(y1s<y1)
    {
        PreSendData(&y1s, 2); //The sine function at the beginning of the line
        PreSendData(&y1, 2); //The sine function at the end of the line
    }
    Else
    {
        PreSendData(&y1, 2); //The sine function at the beginning of the line
        PreSendData(&y1s, 2); //The sine function at the end of the line
    }
    If(y2s<y2)
    {
        PreSendData(&y2s, 2); //The cosine function at the beginning of the line
        PreSendData(&y2, 2); //The cosine function at the end of the line
    }
    Else
    {
        PreSendData(&y2, 2); //The cosine function at the beginning of the line
        PreSendData(&y2s, 2); //The cosine function at the end of the line
    }
    y1s=y1; // When the print enters the next line, the sine function curve starts at the
horizontal axis
    y2s=y2; //When the print enters the next line, the cosine function curve starts at the

```

	horizontal axis }
parameters	$0 \leq n \leq 8$
The default value	Nothing
considerations	Print a point, The $x_{kL}=x_{ksL}$ , $x_{kH}=x_{ksH}$
And according to	Nothing
Use the sample	<pre> 1d 27 01 00 00 00 00 1d 27 01 01 00 0f 00 1d 27 01 10 00 1f 00 1d 27 01 20 00 2c 00 1d 27 01 2d 00 3a 00 1d 27 01 3b 00 44 00 1d 27 01 45 00 4c 00 1d 27 01 4d 00 54 00 1d 27 01 55 00 5c 00 1d 27 01 5d 00 63 00 1d 27 01 64 00 6a 00 1d 27 01 6b 00 71 00 1d 27 01 72 00 77 00 1d 27 01 78 00 7d 00 1d 27 01 7e 00 84 00 1d 27 01 85 00 8a 00 1d 27 01 8b 00 91 00 1d 27 01 92 00 97 00 1d 27 01 98 00 9d 00 1d 27 01 9e 00 a3 00 1d 27 01 a4 00 a9 00 1d 27 01 aa 00 af 00 1d 27 01 b0 00 b4 00 1d 27 01 b5 00 b9 00 1d 27 01 ba 00 bf 00 1d 27 01 c0 00 c4 00 1d 27 01 c5 00 c9 00 1d 27 01 ca 00 cf 00 1d 27 01 d0 00 d4 00 1d 27 01 d5 00 d8 00 1d 27 01 d9 00 dc 00 1d 27 01 dd 00 df 00 1d 27 01 e0 00 e3 00 1d 27 01 e4 00 e6 00 1d 27 01 e7 00 e9 00 1d 27 01 ea 00 ec 00 1d 27 01 ed 00 ef 00 1d 27 01 f0 00 f1 00 1d 27 01 f2 00 f3 00 1d 27 01 f4 00 f5 00 1d 27 01 f6 00 f7 00 1d 27 01 f8 00 f8 00 1d 27 01 f9 00 fa 00 1d 27 01 fb 00 fb 00 1d 27 01 fc 00 fd 00 1d 27 01 fe 00 fe 00 1d 27 01 ff 00 ff 00 1d 27 01 00 01 00 01 1d 27 01 01 01 01 01 1d 27 01 02 01 02 01 1d 27 01 03 01 03 01 1d 27 01 04 01 04 01 1d 27 01 05 01 05 01 1d 27 01 06 01 06 01 1d 27 01 06 01 06 01 1d 27 01 07 01 07 01 1d 27 01 07 01 07 01 1d 27 01 07 01 07 01 1d 27 01 07 01 07 01 1d 27 01 07 01 07 01 1d 27 01 06 01 06 01 1d 27 01 06 01 06 01 1d 27 01 05 01 05 01 1d 27 01 04 01 04 01 1d 27 01 04 01 04 01 1d 27 01 03 01 03 01 1d 27 01 02 01 02 01 1d 27 01 00 01 00 01 1d 27 01 ff 00 ff 00 1d 27 01 fe 00 fe 00 1d 27 01 fc 00 fd 00 1d 27 01 f9 00 fa 00 1d 27 01 f8 00 f8 00 1d 27 01 f6 00 f7 00 1d 27 01 f4 00 f5 00 1d 27 01 f2 00 f3 00 1d 27 01 f0 00 f1 00 </pre>

1d 27 01 ed 00 ef 00 1d 27 01 ea 00 ec 00  
1d 27 01 e7 00 e9 00 1d 27 01 e4 00 e6 00  
1d 27 01 e0 00 e3 00 1d 27 01 dd 00 df 00  
1d 27 01 d9 00 dc 00 1d 27 01 d5 00 d8 00  
1d 27 01 d0 00 d4 00 1d 27 01 ca 00 cf 00  
1d 27 01 c5 00 c9 00 1d 27 01 c0 00 c4 00  
1d 27 01 ba 00 bf 00 1d 27 01 b5 00 b9 00  
1d 27 01 b0 00 b4 00 1d 27 01 aa 00 af 00  
1d 27 01 a4 00 a9 00 1d 27 01 9e 00 a3 00  
1d 27 01 98 00 9d 00 1d 27 01 92 00 97 00  
1d 27 01 8b 00 91 00 1d 27 01 85 00 8a 00  
1d 27 01 7e 00 84 00 1d 27 01 78 00 7d 00  
1d 27 01 72 00 77 00 1d 27 01 6b 00 71 00  
1d 27 01 64 00 6a 00 1d 27 01 5d 00 63 00  
1d 27 01 55 00 5c 00 1d 27 01 4d 00 54 00  
1d 27 01 45 00 4c 00 1d 27 01 3b 00 44 00  
1d 27 01 2d 00 3a 00 1d 27 01 20 00 2c 00  
1d 27 01 10 00 1f 00 1d 27 01 01 00 0f 00  
1d 27 01 00 00 00 00 1d 27 01 00 00 00 00  
1d 27 01 01 00 0f 00 1d 27 01 10 00 1f 00  
1d 27 01 20 00 2c 00 1d 27 01 2d 00 3a 00  
1d 27 01 3b 00 44 00 1d 27 01 45 00 4c 00  
1d 27 01 4d 00 54 00 1d 27 01 55 00 5c 00  
1d 27 01 5d 00 63 00 1d 27 01 64 00 6a 00  
1d 27 01 6b 00 71 00 1d 27 01 72 00 77 00  
1d 27 01 78 00 7d 00 1d 27 01 7e 00 84 00  
1d 27 01 85 00 8a 00 1d 27 01 8b 00 91 00  
1d 27 01 92 00 97 00 1d 27 01 98 00 9d 00  
1d 27 01 9e 00 a3 00 1d 27 01 a4 00 a9 00  
1d 27 01 aa 00 af 00 1d 27 01 b0 00 b4 00  
1d 27 01 b5 00 b9 00 1d 27 01 ba 00 bf 00  
1d 27 01 c0 00 c4 00 1d 27 01 c5 00 c9 00  
1d 27 01 ca 00 cf 00 1d 27 01 d0 00 d4 00  
1d 27 01 d5 00 d8 00 1d 27 01 d9 00 dc 00  
1d 27 01 dd 00 df 00 1d 27 01 e0 00 e3 00  
1d 27 01 e4 00 e6 00 1d 27 01 e7 00 e9 00  
1d 27 01 ea 00 ec 00 1d 27 01 ed 00 ef 00  
1d 27 01 f0 00 f1 00 1d 27 01 f2 00 f3 00  
1d 27 01 f4 00 f5 00 1d 27 01 f6 00 f7 00  
1d 27 01 f8 00 f8 00 1d 27 01 f9 00 fa 00  
1d 27 01 fb 00 fb 00 1d 27 01 fc 00 fd 00  
1d 27 01 fe 00 fe 00 1d 27 01 ff 00 ff 00  
1d 27 01 00 01 00 01 1d 27 01 01 01 01 01  
1d 27 01 02 01 02 01 1d 27 01 03 01 03 01  
1d 27 01 04 01 04 01 1d 27 01 05 01 05 01  
1d 27 01 06 01 06 01 1d 27 01 06 01 06 01  
1d 27 01 07 01 07 01 1d 27 01 07 01 07 01  
1d 27 01 07 01 07 01 1d 27 01 07 01 07 01  
1d 27 01 07 01 07 01 1d 27 01 06 01 06 01

1d 27 01 06 01 06 01 1d 27 01 05 01 05 01  
1d 27 01 04 01 04 01 1d 27 01 04 01 04 01  
1d 27 01 03 01 03 01 1d 27 01 02 01 02 01  
1d 27 01 00 01 00 01 1d 27 01 ff 00 ff 00  
1d 27 01 fe 00 fe 00 1d 27 01 fc 00 fd 00  
1d 27 01 f9 00 fa 00 1d 27 01 f8 00 f8 00  
1d 27 01 f6 00 f7 00 1d 27 01 f4 00 f5 00  
1d 27 01 f2 00 f3 00 1d 27 01 f0 00 f1 00  
1d 27 01 ed 00 ef 00 1d 27 01 ea 00 ec 00  
1d 27 01 e7 00 e9 00 1d 27 01 e4 00 e6 00  
1d 27 01 e0 00 e3 00 1d 27 01 dd 00 df 00  
1d 27 01 d9 00 dc 00 1d 27 01 d5 00 d8 00  
1d 27 01 d0 00 d4 00 1d 27 01 ca 00 cf 00  
1d 27 01 c5 00 c9 00 1d 27 01 c0 00 c4 00  
1d 27 01 ba 00 bf 00 1d 27 01 b5 00 b9 00  
1d 27 01 b0 00 b4 00 1d 27 01 aa 00 af 00  
1d 27 01 a4 00 a9 00 1d 27 01 9e 00 a3 00  
1d 27 01 98 00 9d 00 1d 27 01 92 00 97 00  
1d 27 01 8b 00 91 00 1d 27 01 85 00 8a 00  
1d 27 01 7e 00 84 00 1d 27 01 78 00 7d 00  
1d 27 01 72 00 77 00 1d 27 01 6b 00 71 00  
1d 27 01 64 00 6a 00 1d 27 01 5d 00 63 00  
1d 27 01 55 00 5c 00 1d 27 01 4d 00 54 00  
1d 27 01 45 00 4c 00 1d 27 01 3b 00 44 00  
1d 27 01 2d 00 3a 00 1d 27 01 20 00 2c 00  
1d 27 01 10 00 1f 00 1d 27 01 01 00 0f 00  
1d 27 01 00 00 00 00