水平位置打印行线段（曲线打印命令）

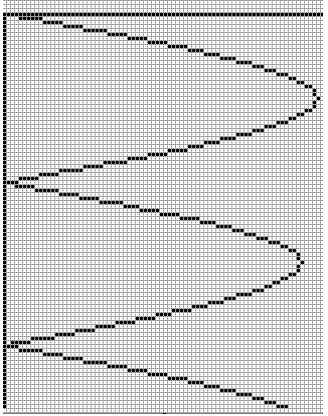
指令名称 水平位置打印行线段（曲线打印命令）

指令代码 ASCII ：GS ‘ n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH

十进制 ：1D 27 n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH

十六进制 ：29 39 n x1sL x1eH x1eL x1eH ...xnsL xnsH xneL xneH

功能描述 打印放大图如下所示：每个水平曲线段可以视为由段长度为1的这些点组成。打印n行水平线段的，连续使用该命令就可以打印出所需的曲线。



xksL : K线起点低阶的水平坐标；

xksH : K线起点高阶的水平坐标；

xkeL : K线结束点低阶的水平坐标；

xkeH : K线结束点高阶的水平坐标；

坐标开始位置通常是打印区域的左边。最小坐标坐标为（0,0），最大横坐标值383，xkeL+xkeH\*256

行数据可以不按规定范围内顺序排列；

Char SendStr[8];

Char SendStr2[16];

Float i;

Short y1,y2,y1s,y2s;

//打印Y轴（一条线）

SendStr[0]=0x1D;

SendStr[1]=0x27;

SendStr[2]=1； // 一行

SendStr[3]=30

SendStr[4]=0; //开始点

SendStr[5]=104;

SendStr[6]=1; //结束点

PreSendData(SendStr,7);

//Print curve

SendStr[0]=0x1D;

SendStr[1]=0x27;

SendStr[2]=3; //Three lines:X-axis,sin and cos function curve 三条线：X轴，sin和cos

函数

SendStr[3]=180; SendStr[4]=0; // X轴位置

SendStr[5]=180; SendStr[6]=0;

for(i=1;i<1200;i++)

{

y1=sin(i/180\*3.1416)\*(380-30)/2+180; //计算sin函数坐标

y2=cos(i/180\*3.1416)\*(380-30)/2+180; //计算cos函数坐标

If(i==1){y1s=y1;y2s=y2;}

PreSendData(SendStr,7);

If(y1s<y1)

{

PreSendData(&y1s,2); //sin函数在该行的起始点

PreSendData(&y1,2); //sin函数在该行的结束点

}

Else

{

PreSendData(&y1,2); //sin函数在该行的起始点

PreSendData(&y1s,2); //sin函数在该行的结束点

}

If(y2s<y2)

{

PreSendData(&y2s,2); //cos函数在该行的起始点

PreSendData(&y2,2); //cos函数在该行的结束点

}

Else

{

PreSendData(&y2,2); //cos函数在该行的起始点

PreSendData(&y2s,2); //cos函数在该行的结束点

}

y1s=y1; // 当打印进入下一行，sin函数曲线起点横坐标

y2s=y2; //当打印进入下一行，cos函数曲线起点横坐标

}

参数范围 0≤n≤8

默认值 无

支持型号 便携打印机

注意事项 打印一个点时，则xkeL=xksL , xkeH=xksH

使用示例

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 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