V1.02

Wuhan Guide Technology Co.,Ttd.

..... 1
1.1 USB HF500 1
1.2 3
..... 5
2.1 5
2.2 5
2.3 5
..... 6
3.1 7
3.2 8
3.3 8
3.4 9
/ 10
..... 10
/ / 11
6.1 12
6.2 12
6.3 13
6.4 13
..... 13
..... 14
8.1 15
8.2 15
..... 18
..... 19
..... 20
BootLoader 20

HF500 USB

HF500 USB Õ

USB HF630 HF630N

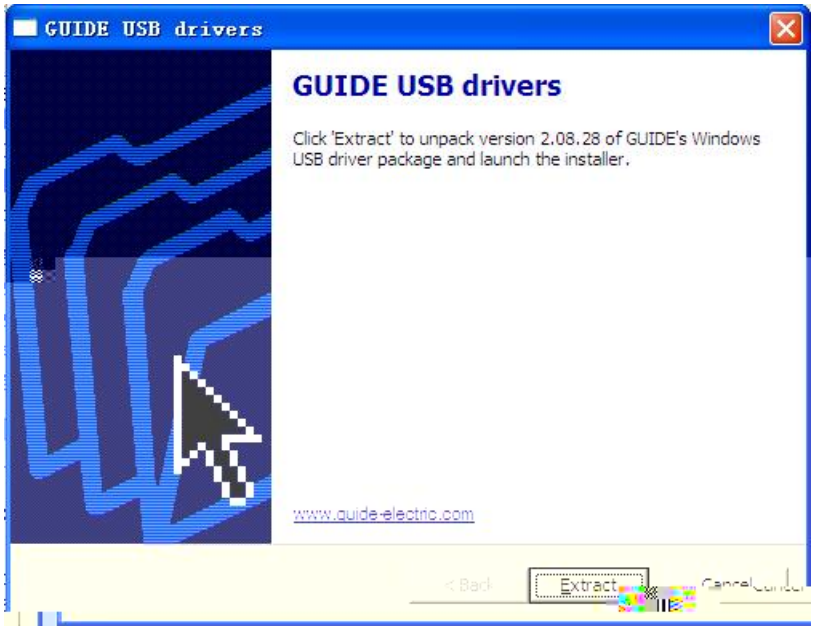
HF650 HF650N HF680N

RJ45

HF500 " t ┼

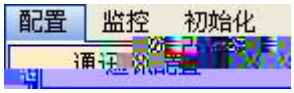
1 USB

GUIDE_USB_Driver_Setup.exe



“GUIDE_USB_Driver_Setup.exe”

2



1.2

1 232 USB 2 WIFI

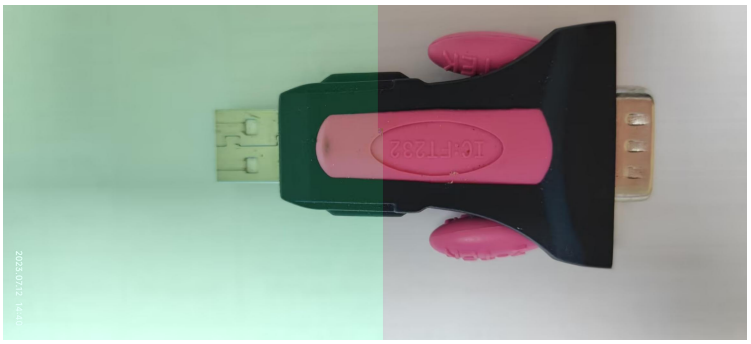
1 232 USB

D 232 USB

RJ45 D

3	2	RX

4	3	TX
1	1	V+
2	5	GND



232 USB

2 WIFI

WIFI RJ45

USR-VCOM “1.1 USB

” WIFI

WIFI

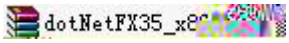
TCP Client IP 10.10.100.254 8899

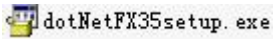
2.1

.Net Framework3.5

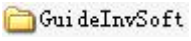
.NetFramework3.5 WIN7

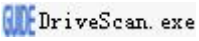
Microsoft Windows XP .NetFramework3.5





2.2





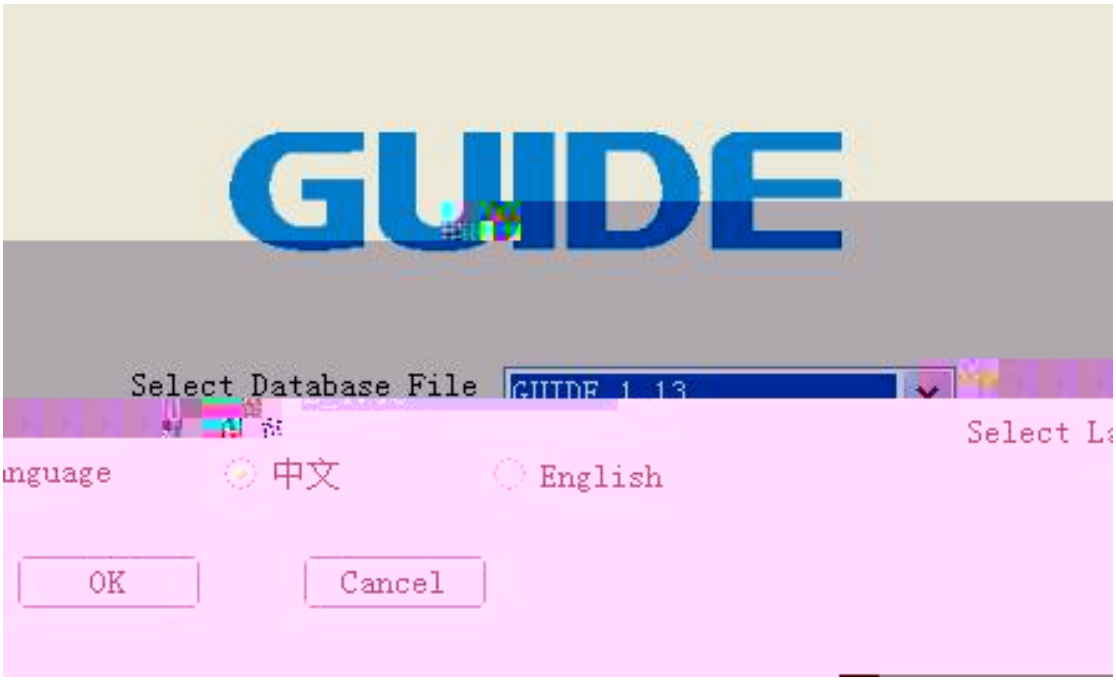
“.NetFramework3.5”

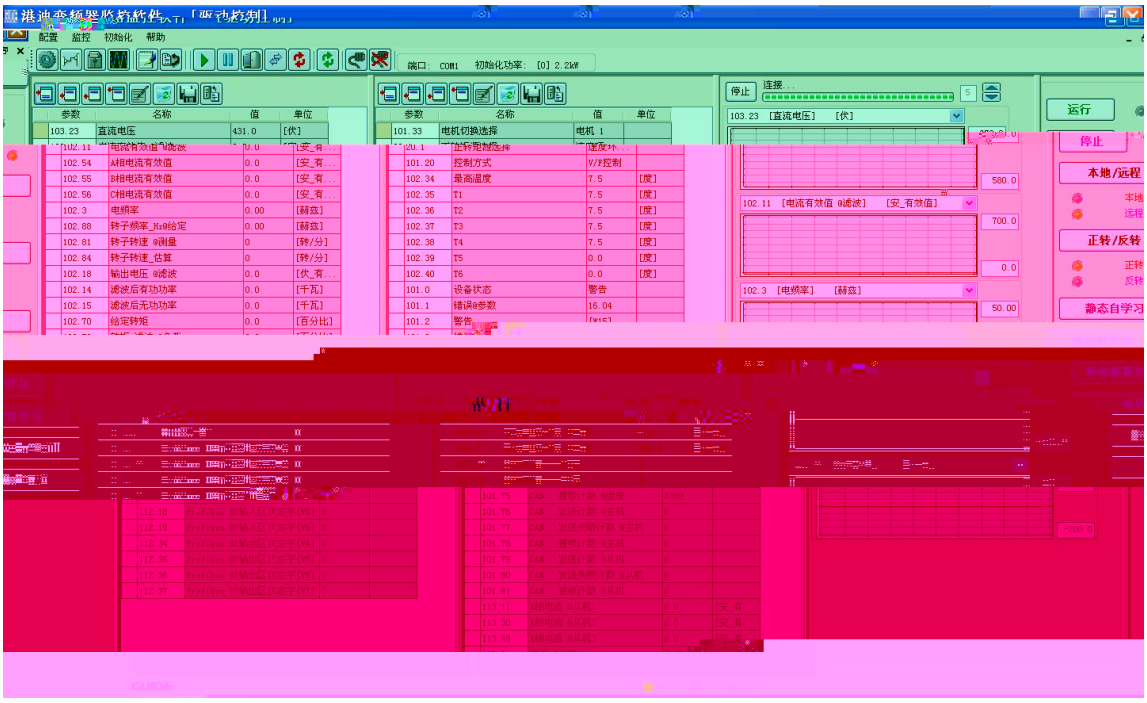
“.NetFramework3.5”

2.3

Select Database File

Select Language





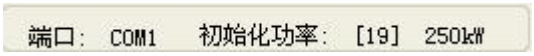
3.1

“ ”

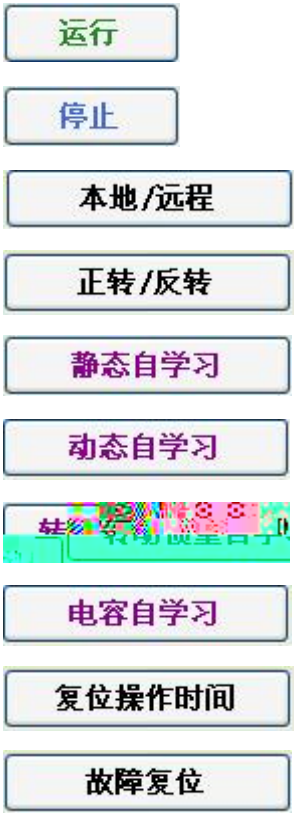
“ ”

COM

COM



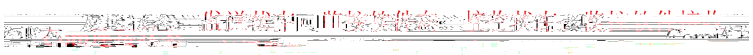
3.2



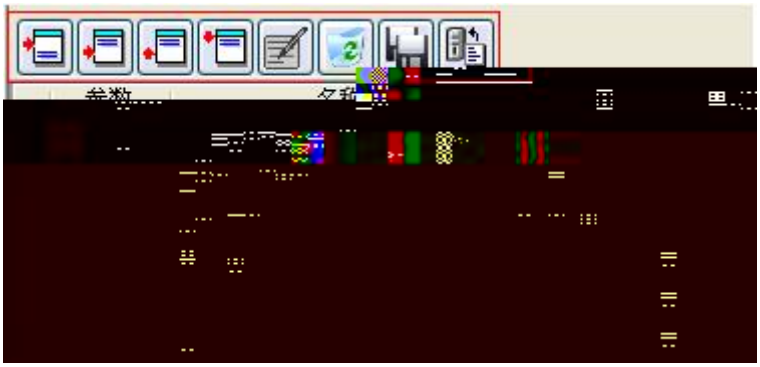
AFE

108.15/108.16

3.3



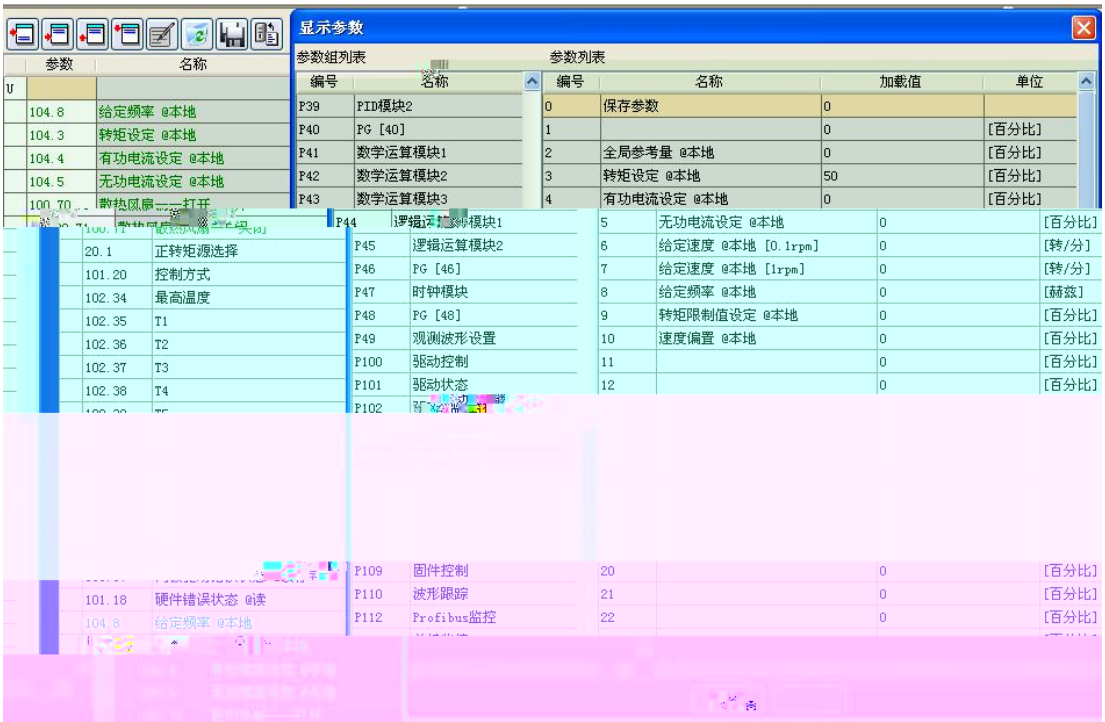
3.4



1

“ ”

“ ”


显示参数
参数组列表
参数列表
编号
名称
编号
名称
加载值
单位
P39 PID模块2
P40 PG [40]
P41 数学运算模块1
P42 数学运算模块2
P43 数学运算模块3
0 保存参数 0
1 0 [百分比]
2 全局参考量 @本地 0 [百分比]
3 转矩设定 @本地 50 [百分比]
4 有功电流设定 @本地 0 [百分比]
5 无功电流设定 @本地 0 [百分比]
6 给定速度 @本地 [0.1rpm] 0 [转/分]
7 给定速度 @本地 [1rpm] 0 [转/分]
8 给定频率 @本地 0 [赫兹]
9 转矩限制值设定 @本地 0 [百分比]
10 速度偏置 @本地 0 [百分比]
11 0 [百分比]
12 0 [百分比]
P44 逻辑运算模块1
P45 逻辑运算模块2
P46 PG [46]
P47 时钟模块
P48 PG [48]
P49 观测波形设置
P100 驱动控制
P101 驱动状态
P109 固件控制 20 0 [百分比]
P110 波形跟踪 21 0 [百分比]
P112 Profibus监控 22 0 [百分比]
参数
名称
104.8 给定频率 @本地
104.3 转矩设定 @本地
104.4 有功电流设定 @本地
104.5 无功电流设定 @本地
20.1 正转矩源选择
101.20 控制方式
102.34 最高温度
102.35 T1
102.36 T2
102.37 T3
102.38 T4
101.18 硬件错误状态 @读
104.8 给定频率 @本地

2

“ ”

/

J3

COM COM (COM

->)

“ ”

“ ” TXD

“ ”

Com

ModBus 1

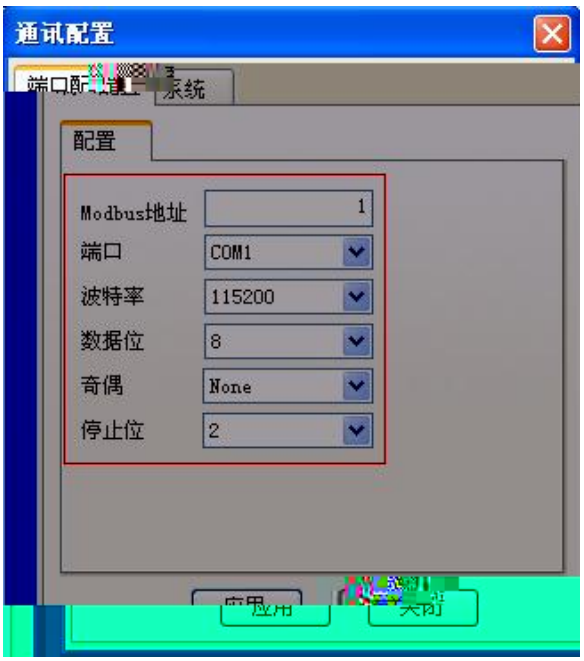
com

115200

8

None

2


通讯配置
系统
配置
Modbus地址
1
端口
COM1
波特率
115200
数据位
8
奇偶
None
停止位
2

通讯配置
端口配置
系统
扫描时间
100
ms
应用
关闭

“ ”

/ /

“ ” “ ”

6.1

“

” “ ”

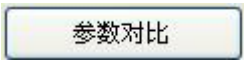
“ ”

“ ”

xls

xml

xml

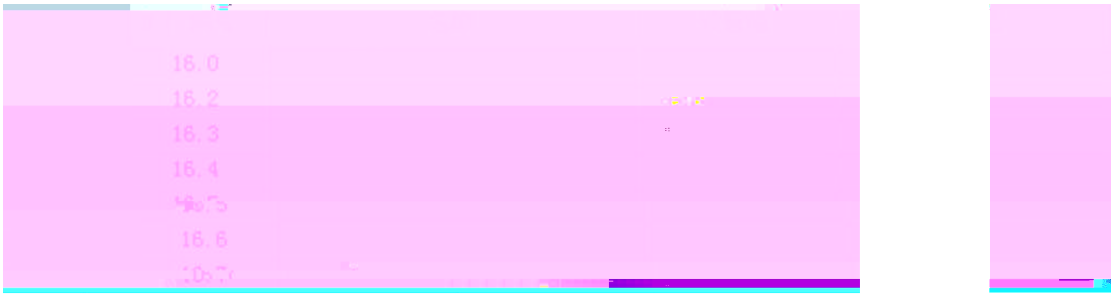


“ ” “ ”

6.2

“ ” P16

参数加载值修改后此处显 变频器控制板与监控软件连接成功后，

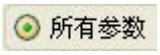


“ ” FLASH

FLASH FLASH

“ ”

6.3



xls Microsoft office excel

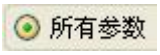
xml

xml

6.4

1

A

B 

C

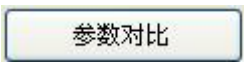
D xml

2

3

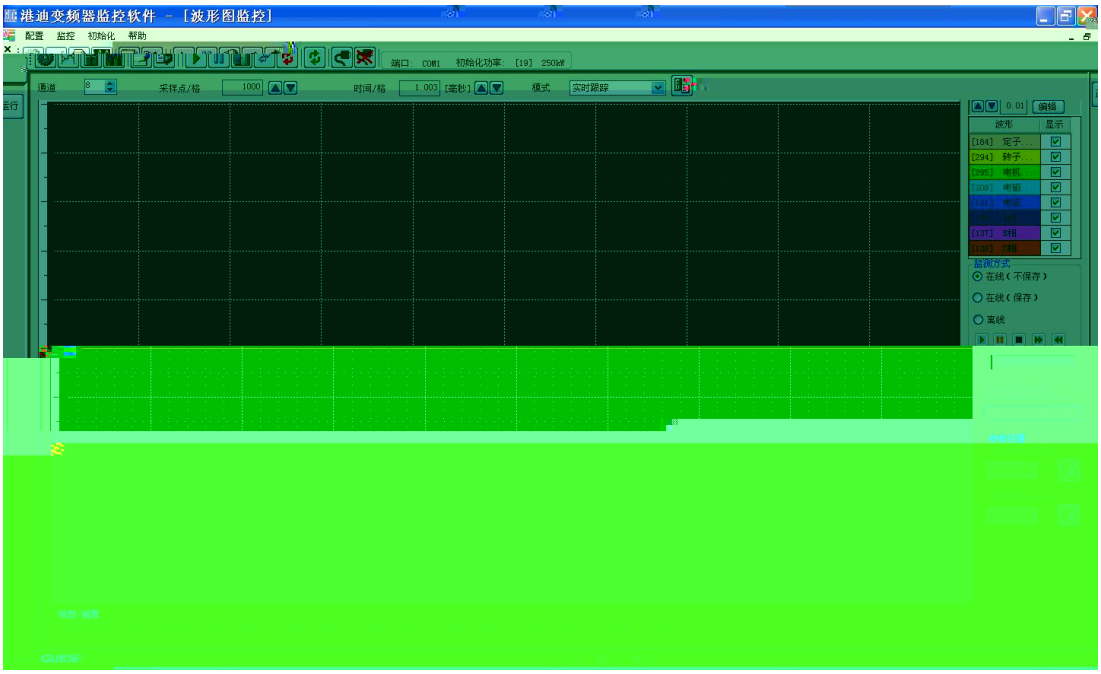
A

B

C 

参数初始化 (P0)

“ ”



8.1

编辑

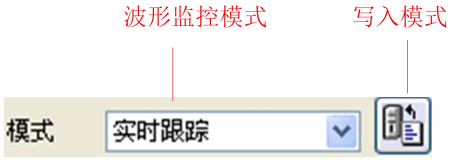
8

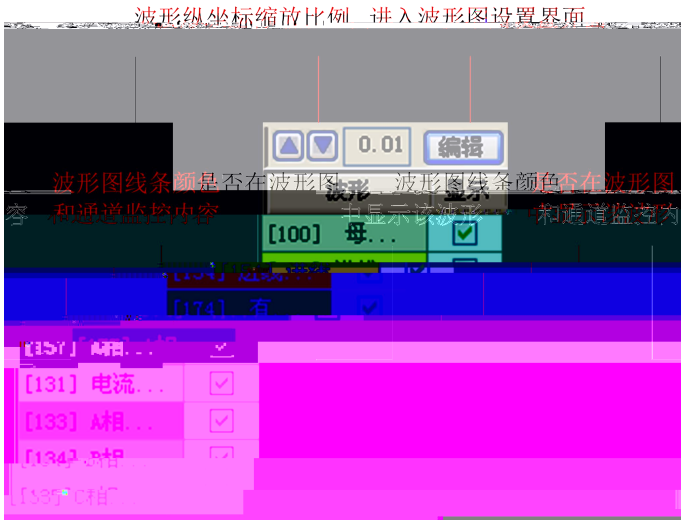
保存

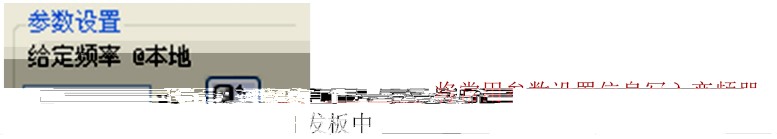
49

8.2

1







当前波形图（离线/在线）各个通道的精度/偏置信息

“ ” / 100 / 1 /

“ ” / “ ”

0.5*20=10

2

A. “ ”

B. “ ”

$\GuideInvSoft\OffLineData\WaveTrace

“COM _ _ _onOffLine.data”

100M

C. “ ” “ ”

3

运行 停止

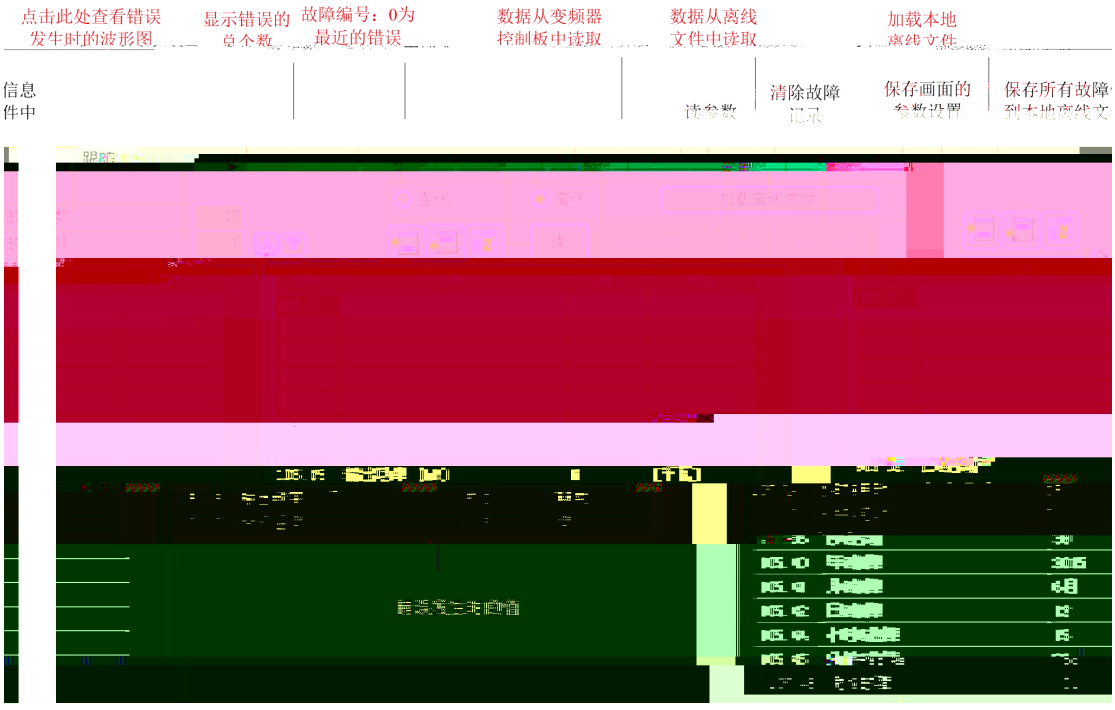
4

A.

B.

C. “ ”

D. “ / ”



“ ”

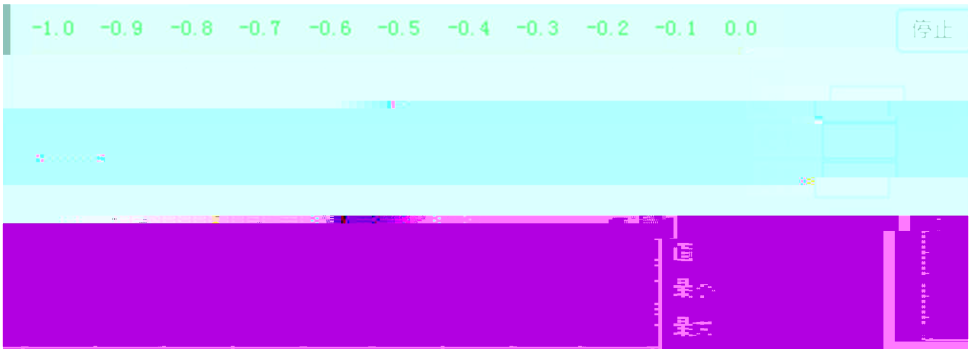
“ ”

“ ” “ ”

$\GuideInvSoft\OffLineData\ FaultWave “COM _ _ _onOffLine.data”

“ ” “ ”

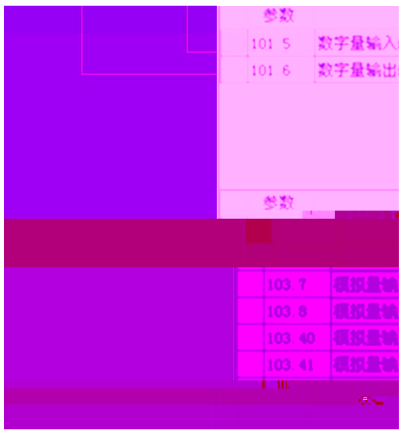
跟踪

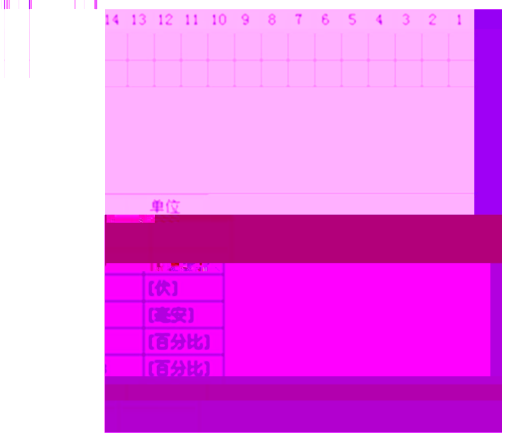


0.0 -1.0 0.0

数字量输出状态观察，绿色表示有
输出信号，灰色表示无输出信号。

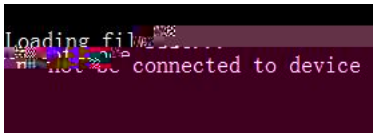
输入信号，灰色表示无输入信号。





1

DSP BootLoader DSP flash



232