



Trend Chart function



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Sample type

Sample Type: Trigger cycle sample

Time(10~36000): 10 *100ms

Control bit: Edit

- **Quick setting:** it is for setting all the curves, select the data format for all curves, and setting the reading addresses for curves.

For example:

Users set HDW0 as start address, and the data format is 16-bit signed, then the HDW0 is for Curve 1, HDW1 is for Curve2, HDW2 is for Curve 3.

Trend Chart Setting

Curve No. Add

Name(31 bytes)

Curves(1~8) 3 Apply

Dots of one curve 1000

Total dots < 10000

Sample type

Sample Type: Trigger cycle sample

Time(10~36000): 10 *100ms

Control bit: Edit

Quick setting

Data Format: 16-bit signed

Number of digits: 4.0 Edit

☒ Use continuous address

Start address: HDW0 Edit

OK Cancel

Curve	Data format	Number of...	Address
Curve 1	16-bit signed	4.0	HDW0
Curve 2	16-bit signed	4.0	HDW1
Curve 3	16-bit signed	4.0	HDW2

Figure 2-2

- **Right side window:** It is for setting curves one by one.

4) Click [OK] to save the setting;

3. Trend chart screen setting

This sector introduces the trend chart object setting.

Operating procedure

- 1) Put trend chart object in HMI screen;
- 2) Double click it to open the setting window;
- 3) Set the appearance, there are some options for appearance;
 - Background type: It is for setting the object outline, there are four types for users;
 - X Grids: It is for setting the number of cells in the X axis;

- Y Grids: It is for setting the number of cells in the Y axis;
- Transparency;
- Show dot: When shows check it, the trend is displayed by dots;
- Color settings: it is for setting colors in object;

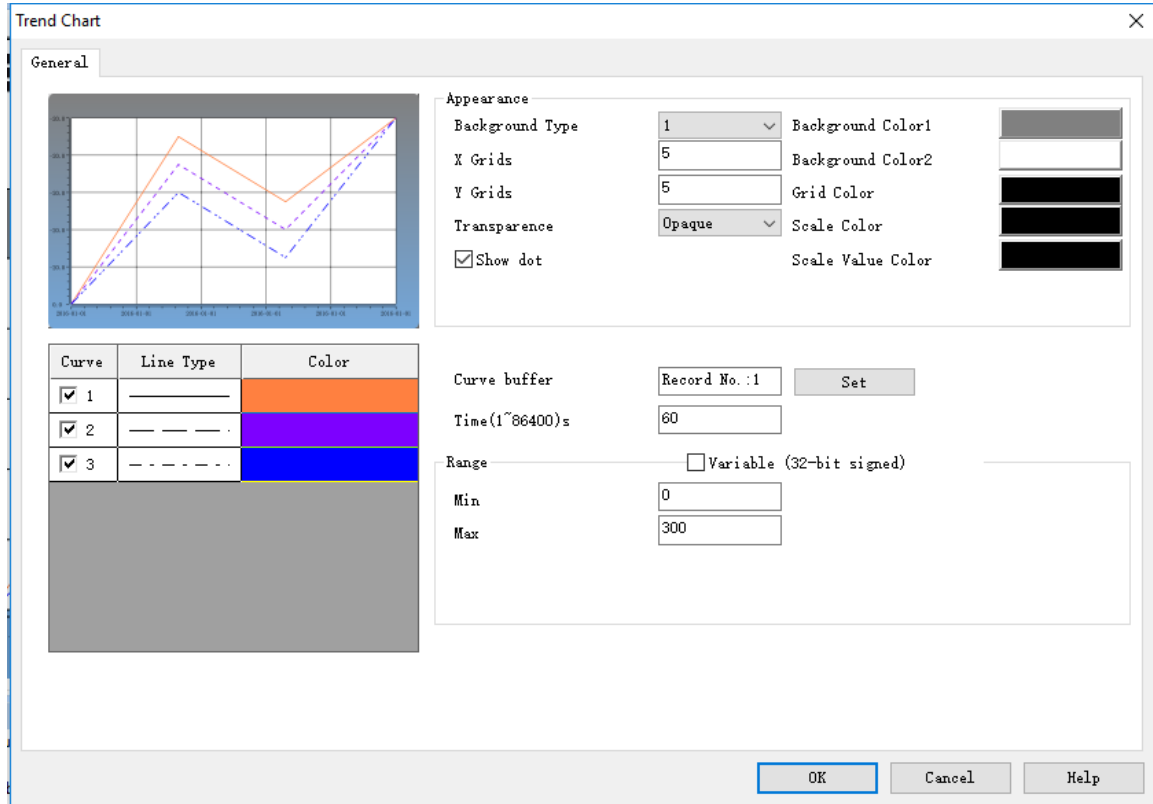
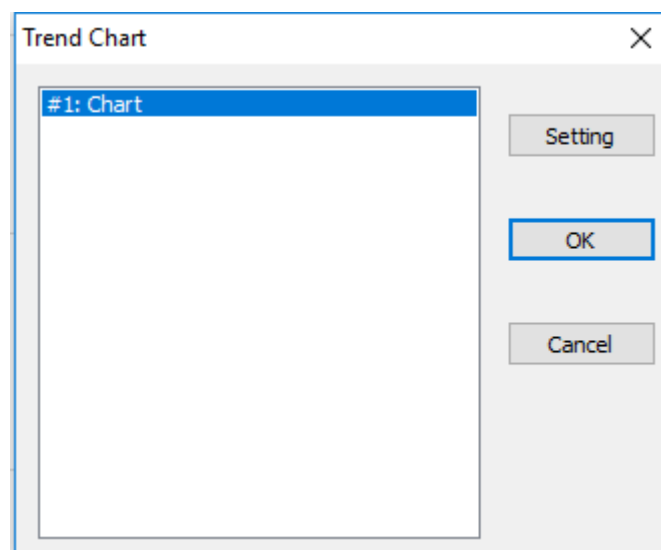


Figure 3-1

- 4) Set curve buffer: it is used for select the trend chart channels, if users selected the channel, the corresponds curves numbers will be checked;



- 5) Set time: It is for setting displaying time span in object, default value is 60s, it means the Y axis displays 60s value at the same time;

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- 6) Set Range: It is for setting data display range, users can set the fixed range, or use addresses to set variable range;