



# Data record



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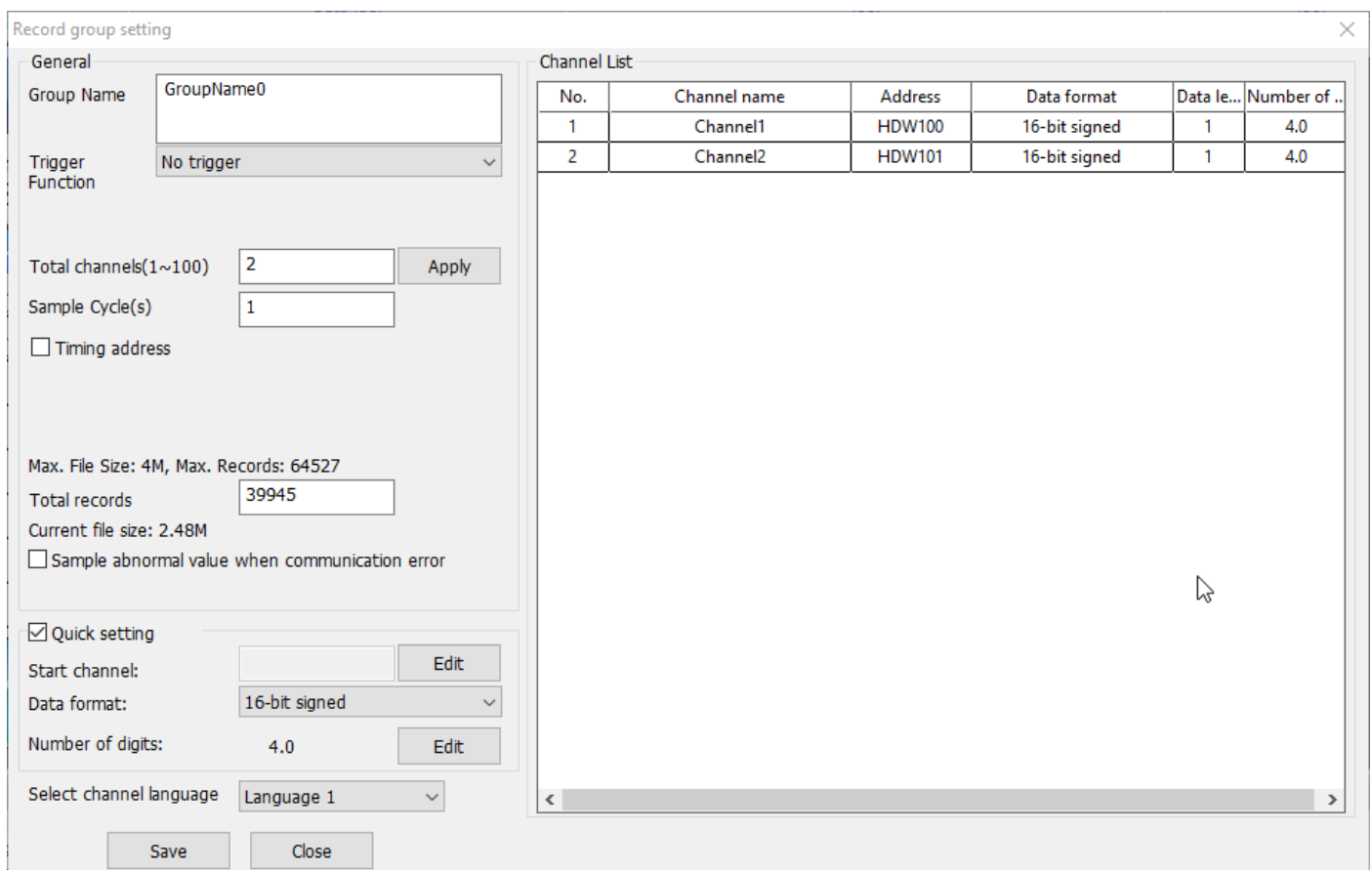


# 1. General

This document is used to explain how to set up data records.

## 2. Operating procedures

- 1) Configure data record function on [Data Tool] menu;



Record group setting

General

Group Name: GroupName0

Trigger Function: No trigger

Total channels(1~100): 2 Apply

Sample Cycle(s): 1

☐ Timing address

Max. File Size: 4M, Max. Records: 64527

Total records: 39945

Current file size: 2.48M

☐ Sample abnormal value when communication error

☒ Quick setting

Start channel: Edit

Data format: 16-bit signed

Number of digits: 4.0 Edit

Select channel language: Language 1

Save Close

Channel List

No.	Channel name	Address	Data format	Data le...	Number of ..
1	Channel1	HDW100	16-bit signed	1	4.0
2	Channel2	HDW101	16-bit signed	1	4.0

Such as number of channels, sample cycle, read address and so on.

- 2) Configure [Data record display] object on screen;

Data record display

General Security

Shape setting

Background color

Head color

Text color

Line color

Select line type

Coordinate

Set

Record

1

Set Group

Func Address(20 words)

HDW0

Edit

Screen(one object one screen)

4001:

Add screen

☒ Display in reverse order

☒ Advance

Head text color

Transparency

Cell type

Date format

Time format

Start time

☒ Current time

☐ Forward

☐ Today

☐ Yesterday

☐ This month

☐ Last month

Span

Time	Name	Operator	AlarmText	ResetTime

### 3) Select data record storage;

Project Settings

Project Settings HMI IP Instalment Extend

HMI Model

PI3070 (800\*480rn)

Initial Screen

0:Screen

Byte Order

Floating Setting: Little-endian

Operation Record

☒ Enable Operation Record

Switch action

Take effect when click down

Backlight

Never

Data Record Storage

☒ FLASH ☐ SD Card ☐ UDisk

Designer Password

Use Screen ID Address

Edit

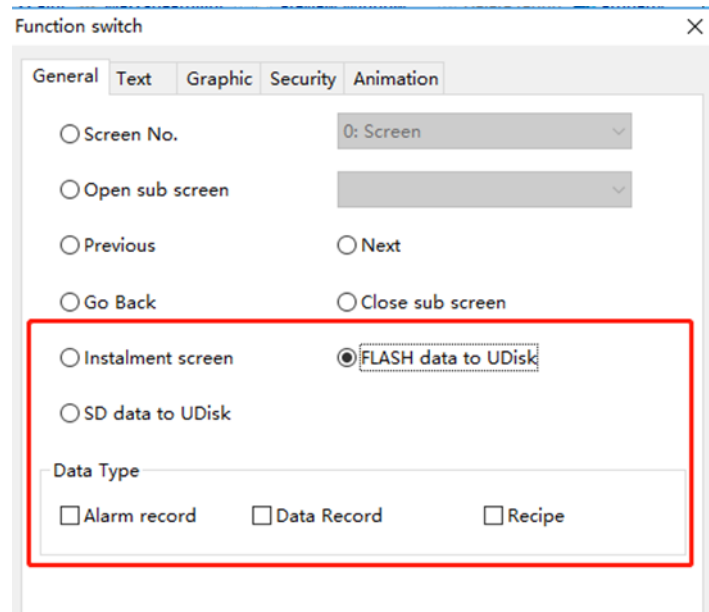
**Note:**

If HMI flash is full, the new data will replace old data.

If SD card or U disk is full, the new data cannot store.

#### 4) Configure HMI screen;

- **Function key:** if data record storage is flash, function key could transfer data from flash to Udisk. If storage is in SD card, function key could transfer data from SD card to Udisk.



- **HMI special address to control data transfer:** HSW522 to HSW525.

#### 5) Data viewer tool: It could view db file and convert to csv format.

