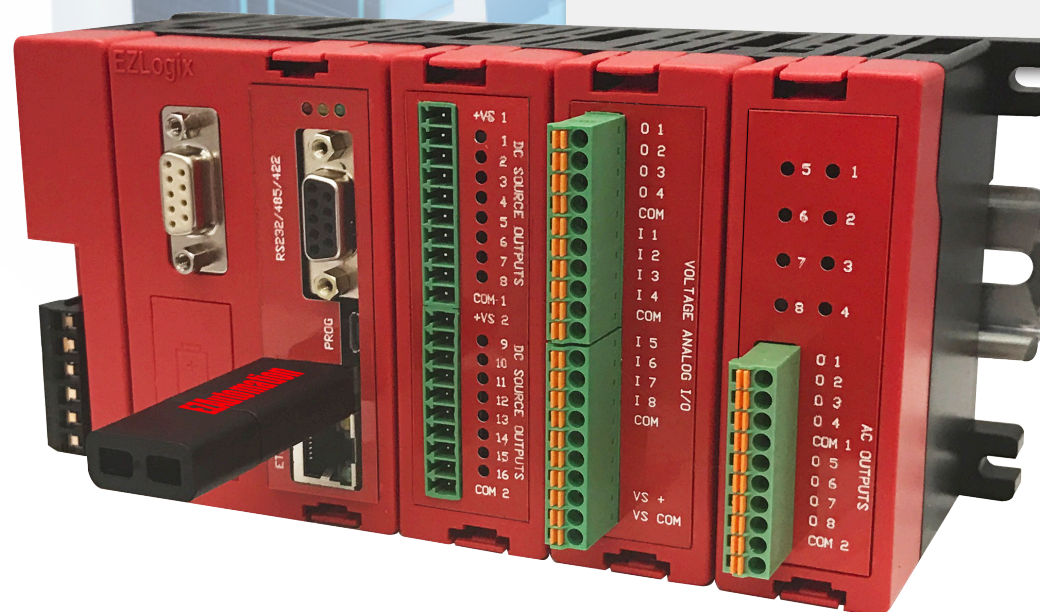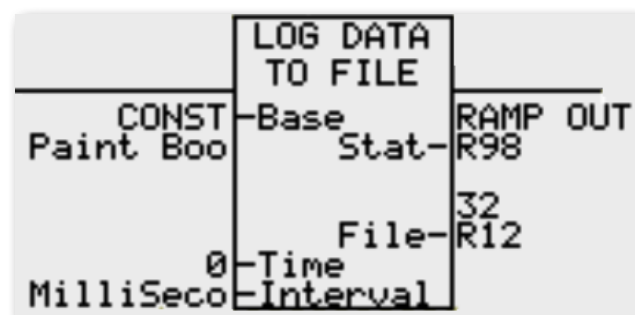# EZRackPLC™ Data Logging Instruction on USB

- **Store up to 64GB of valuable PLC data on EZRack PLC built-in USB port**

- **Stay connected from anywhere in real-time with plant production and maintenance data using EZRack PLC secure IIoT / MQTT protocol for data transfer**

- **Store real-time PLC data based on tag event and time intervals in .csv format**

- **Remotely access PLC data using Free EZIIoT utility with integrated messsage queuing telemetry transport (MQTT) protocol**

Log Data to File Instruction ✕

Instruction Details

File Name and Size

Max 32 char including ext and any appended fields.

○ Tag Based [▢]

● Fixed [Paint Booth Station A]

Append to File Name ☑ Hour (Uses 4 char)   ▢ Day (Uses 2 char)   ▢ Month (Uses 3 char)

File Size Tag [▢]

Tag shows file size in bytes.   Data Saved in CSV Format.

Log

Log Type [At Regular Time Intervals (When Enable Tag is High) ▾]

Event/Enable Tag [LT   ▾]

Log Time-interval [0] [MilliSecond ▾]

Status Tag [INPUT ALM   ▾]

Status value definitions:
00:Normal operation (No Errors)
02:File open error (USB Drive may not be plugged)
04:File write error (USB Drive may be full)

Select Tags

Tag Names are used as column headers in CSV file.   With each record ☑ Log PLC Date ☑ Log PLC Time   Decimal Places for Floating Point Tags [5]

Available Tags:

Name	Address	Type
INPUT 1	R1	UNSIGNED_INT_16
R1.ACC	R1	UNSIGNED_INT_16
R1.PRE	R3	UNSIGNED_INT_16
RAMP CNT	R21	UNSIGNED_INT_16
RAMP UP	R23	UNSIGNED_INT_16
SCALE	R31	UNSIGNED_INT_16
FLASH.RES1	R33	UNSIGNED_INT_16
FLASH.RES2	R34	UNSIGNED_INT_16
SCALE RESULT	R42	UNSIGNED_INT_16
RAMP RATE	R56	UNSIGNED_INT_16

Selected Tags: (4/10)

Name	Address	Type
R1	R1	UNSIGNED_INT_16
INPUT 2	R2	UNSIGNED_INT_16
FLASH	R32	UNSIGNED_INT_16
RAMP MIN	R43	UNSIGNED_INT_16

>>   <<

Delete Tag(s)   Move Tag Up   Move Tag Down

OK   Cancel   Help


```
        LOG DATA
        TO FILE
CONST─Base      RAMP OUT
Paint Boo    Stat─R98
                  32
             File─R12
      0─Time
MilliSeco─Interval
```