



Technical Announcement

IABG, DELTA ELECTRONICS, INC

Product	DVP Series PLC	Applicable Model	DVP12SE11T DVP12SE11R	Confidentiality Level	<input checked="" type="checkbox"/> General <input type="checkbox"/> Classified <input type="checkbox"/> Top secret
				ECN No.	N/A
Published by	PLCBU	Publisher	Andy Due	Publication No.	134A-P-SE- TAN02-EN
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Published to	Sales/Product managers of TW, DGC, DPR, DGB, DMX, DEN, DIN, DESG, DEJ, DEK				

Object: DVP-12SE firmware version 1.88 is released.

Purpose: DVP-12SE firmware version 1.88 is released. The functions which are modified and the functions which are added are described as below.

Description:

1. **Issue:** When a DVP-SE series PLC receives MODBUS TCP data with any incorrect transmission length or address via Ethernet communication, the Ethernet communication may stop working.

Solution 1: Contact the company or the technicians from the agents for a firmware upgrade for DVP-12SE (V1.87 or later versions).

Solution 2: Use correct MODBUS TCP data format for transmission.

2. **Issue:** When the PLC Link function is enabled and uses the maximum-32-slaves connection mode, the slave numbers 17~32 do not support the latch function for communication parameters storing.

Solution: Contact the company or the technicians from the agents for a firmware upgrade (V1.87 or later versions).

3. **Issue:** The instruction DCNT is executed to start C244 counter, but it cannot determine if the count has been reached nor the reached state will be shown correctly.

Solution: Contact the company or the technicians from the agents for a firmware upgrade (V1.87 or later versions).

4. **Issue:** The DVP-SE series PLC with version 1.86 can only execute the instruction TWRP once while it is supplied with power.

Solution 1: Use the instructions LDP M0 and TWR D0 at the same time to write the RTC in.

Solution 2: Contact the company or the technicians from the agents for a firmware upgrade for DVP-12SE (V1.87 or later versions).

5. **New Function:** Add a new communication instruction CANRS for self-defined communication protocols via CAN communication to work with DVPCOPM-SL modules. Please refer to the attachment for more details on the instruction CANRS. Note: this instruction can only be executed in WPLSoft V2.45 and ISPSOFT V3.03 or later versions.

6. **Release date:** July 20th, 2017