

[Issue No.] HIME-T-P-0197A

[Title] Production discontinuation of the data logging analyzer MELQIC

[Date of Issue] October 2018

[Relevant Models] MELQIC IU1, IU2 series

Thank you for your continued support of data logging analyzer MELQIC.

At this time we would like to announce that the production of the data logging analyzer MELQIC IU1 and IU2 series will be ending for the reason stated in paragraph 3.

1. Models for which production will be discontinued

The production of the MELQIC IU1 and IU2 series will be ending

Product	Model	Product	Model
MELQIC main unit	IU1-1M20-D	Communication function board	IU2-1ECAN-100
	IU2-3M10		IU2-1EGPIB
	IU2-3M10L		IU2-1ECLM-100
	IU2-4M10HA		IU2-1EDN-100
	IU2-4M10HA-E		IU2-4EUSB-20
	IU2-5M10		IU2-2E485-115K
	IU2-5M10-E		IU2-2E485-38K
	IU2-5M10L		IU2-2E232-115K
Extension rack	IU2-12B		IU2-2E232-38K
	IU2-12B-E		Special function board
Data logging kit	IU2-LOG-KIT1	IU2-4EPG-2M	
	General I/O board	IU2-64EDI-CMOS	
IU2-64EDO-CMOS		IU2-1ERGB-100	
IU2-64EDI-CP		Inspection specialization board	IU2-16EIB-CP
IU2-64EDO-TR			IU2-8EIB-TR
IU2-16EDIO-CMOS		Extension rack connection board	IU2-EBR1-50
IU2-32EDIO-CMOS			IU2-EBR2-50
IU2-16EDIO-CPTR		Option	IU1-7DM
IU2-32EDIO-CPTR			IU2-BR-50CAB
IU2-32EDIO-CT/S	IU2-96P-CAB		
Analog board	IU2-16EAD-20M		IU2-50P-CAB
	IU2-16EAD-30M		IU2-36P-CAB
	IU2-8EDA-100M		IU2-50P-CAB-TC
	IU2-18EAD-100H		IU2-96TB
	IU2-2EAD-110H	IU2-50TB	
MES interface board	IU2-1EMES	IU2-36TB	

Product	Model
Option	IU2-50TB-TC
	IU2-BATT*1
	IU2-RATT-10
	IU2-RATT-20
	IU2-RATT-30
	IU2-96SW-5
	IU2-96SW-24
Application development environment	SW1DNC-IUDE2
Data transfer tool	SW1DNC-IUTRF

Product	Model
Communication middleware	SW1DNC-IULNK
Product with multiple licenses	SW1DNC-IULNKA
Product with additional license	SW1DNC-IULNKAZ
Driver (IU Drivers)	SW1DNC-IUDRV
Manual/Text	IU1-1M20-HW-J
	SW-IUDE2-O-J
	SW-IUDE2-P-J
	IU2-KISO-TEXT

*1. After production discontinuation of the battery IU2-BATT for MELQIC IU2-5M10L, IU2-5M10(-E), and IU2-4M10HA(-E), the battery of the MELSEC-F series F2-40BL will be the substitute model. The battery FX3U-32BL for MELQIC IU1-1M20-D, IU2-3M10(L), and IU2-1EMES will be continuously produced as MELSEC-F series.

2. Time of production discontinuation and Repair acceptance period

- Date of order acceptance deadline: June 30, 2020
- Date of production discontinuation: September 30, 2020
- Repair acceptance period: September 30, 2027

We will stop accepting orders at the end of June 2020, and discontinue production when the production for accepted orders is finished.

Please note that we cannot accept requests for repair if replacement parts are no longer available even within the repair acceptance period.

3. Reason for production discontinuation

The main parts, the CPU (microprocessor) and dedicated IC, cannot be obtained.

4. Substitute model (Alternative proposal)

MELSEC iQ-R series C Controller Module R12CCPU-V

■ Specification comparison with substitute model

Item	MELQIC main unit			C Controller Module
Model	MELQIC IU1 series IU1-1M20-D	MELQIC IU2 series IU2-3M10 IU2-3M10L	MELQIC IU2 series IU2-4M10HA(-E) IU2-5M10(-E) IU2-5M10L	MELSEC iQ-R series C Controller Module R12CCPU-V
Work RAM	128 MB	64 MB	32 MB	256 MB
Standard ROM	32 MB	5.5 MB	5.5 MB	16 MB
Backup RAM	256 KB	256 KB	256 KB	4 MB
Memory card	SD Card × 1 slot	CF Card × 1 slot	PC Card × 1 slot	SD Card × 1 slot
Communication interface	Ethernet 10BASE-T/ 100BASE-TX × 1ch	Ethernet 10BASE-T/ 100BASE-TX × 1ch	Ethernet 10BASE-T/ 100BASE-TX × 1ch	Ethernet 10BASE-T/ 100BASE-TX/ 1000BASE-T × 2ch

Item	MELQIC main unit			C Controller Module
External interface	(RS-232C × 1 ch is only for GOT connection) USB host (High Speed) × 1 ch USB device (Full Speed) × 1 ch	RS-232C × 1 ch USB device (Full Speed) × 1 ch	RS-232C × 1 ch USB device (Full Speed) × 1 ch	RS-232C × 1 ch USB host (High Speed) × 1 ch
OS	VxWorks®	VxWorks®	VxWorks®	VxWorks®
Programming environment	IU Developer2	Microsoft®Visio®*2 + IU Developer	Microsoft®Visio®*2 + IU Developer	CW Workbench/ Wind River Workbench 3.3
Programming language	Text language	Flowchart, BLD (Block diagram) and so on	Flowchart, BLD (Block diagram) and so on	C language, C++ language

*2. Visio® is supported up to Version2016. (For operation environment, refer to the IU Developer instruction manual (Operation).)

REVISIONS

Version	Date of Issue	Revision
A	October 2018	First edition

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