

MELFA Technical News

BFP-A6079-0352-*

Mar. 2024

Subject: Camera models supported by MELFA-3D Vision 3.0
Applicable to: MELFA-3D Vision 3.0

Thank you for your continued support of Mitsubishi Electric industrial robot “MELFA”.
This is information of camera models supported by MELFA-3D Vision 3.0.

1. Current situation

Camera models of ENSENSO N35 series which were supported by MELFA-3D Vision 3.0 have been discontinued. Please see the web page of supplier IDS for detail.

<https://en.ids-imaging.com/discontinuation.html>

We plan to support ENSENSO N36 series which is replacement for N35, with MELFA-3D Vision 3.0 Ver.3.1. MELFA-3D Vision 3.0 Ver.3.1 will be released in March 2024.

2. Functions can be used on ENSENSO N35 and N36

The functions available on ENSENSO N35 and N36 are as shown in table 1.

Table 1 Functions can be used on ENSENSO N35 and N36

Items	Versions of MELFA-3D Vision	Ver. 3.1 (Next version)	
		Ver. 3.0*1 (Current version)	
Available camera models		ENSENSO N35 series	ENSENSO N35 series*2 ENSENSO N36 series
Model less recognition		Applicable	Applicable Applicable
Model matching recognition		Applicable	Applicable Not applicable
Auto-adjusting AI for recognition parameters		Partially applicable*3	Partially applicable*3 Not applicable

*1 Including Ver. 3.0.1 and 3.0.2

*2 Ver. 3.1 still supports ENSENSO N35.

*3 Three models below are supported.

N35-804-16-IR, N35-806-16-IR, N35-808-16-IR

·3. Recommended camera models

Recommended camera models used with MELFA-3D Vision 3.0 Ver.3.1 are planned as below.

- N36-802-16-IR
- N36-804-16-IR
- N36-806-16-IR