

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

KEYENCE CV-X420F

2-megapixel camera supporting vision controller



PRODUCT	CV-X420F
FAMILY	CV-X Series
TYPE	2-megapixel camera supporting vision controller
STATUS	Validate the complete installed system

Prepared from official KEYENCE product, specification and dimensional records. This quick guide supplements the complete manufacturer documentation and site procedure.

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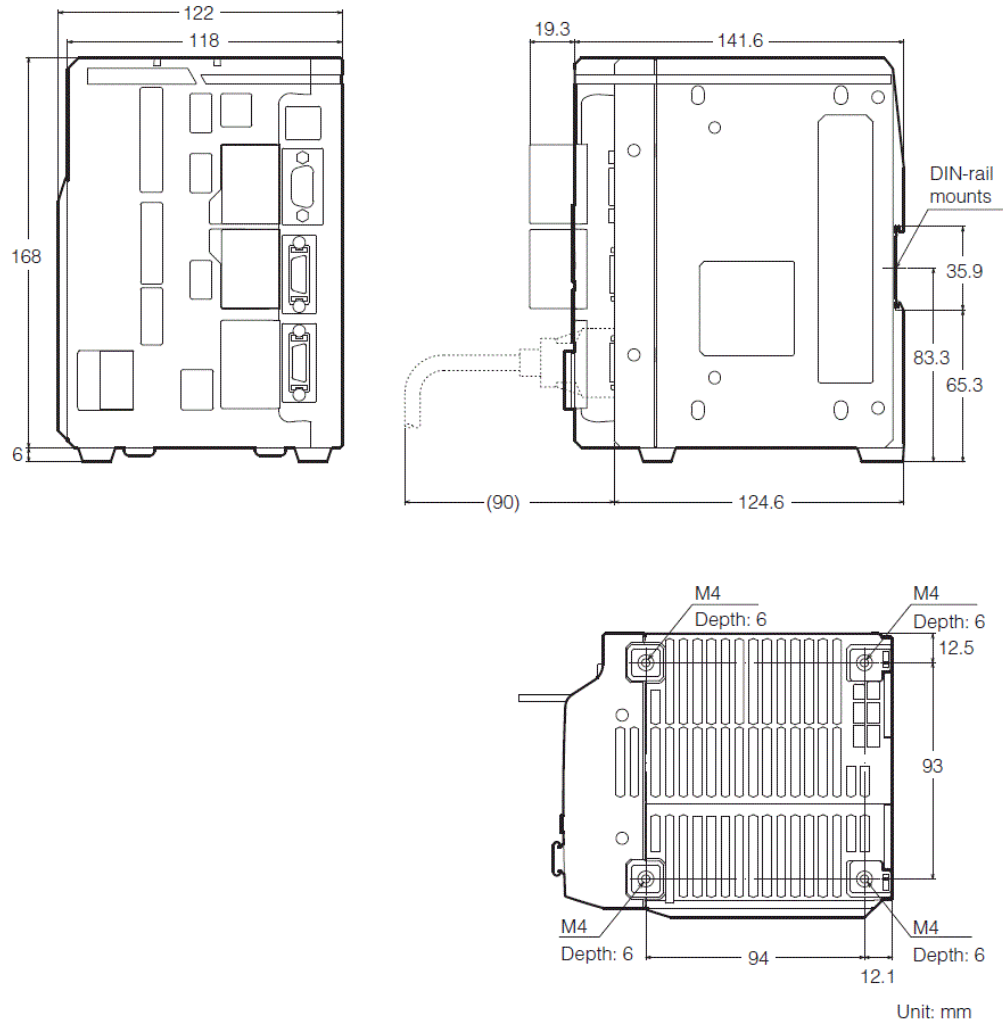
CONFIRM THE CONFIGURATION

Product model	CV-X420F
Manufacturer	KEYENCE
Product family	CV-X Series
Controller type	2-megapixel camera supporting type
Product dimensions	12.2 × 14.2 × 16.8 cm
Product weight	1.6 kg

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BEFORE INSTALLATION

- Confirm every connected camera is supported by the CV-X420F resolution class.
- Verify the 24 VDC supply, current capacity, protective earth and I/O wiring.
- Allow ventilation space for the selected DIN-rail or bottom-mount installation.
- Back up the existing controller program before replacement or commissioning.

Controller Unit CV-X400/X420/X450

Official KEYENCE dimensional drawing for CV-X420F. Product envelope used for shipment reference: 12.2 × 14.2 × 16.8 cm. Confirm every drawing note, connector clearance and mounting requirement before fabrication.

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MOUNTING AND FIELD SETUP

- Confirm every connected camera is supported by the CV-X420F resolution class.
- Verify the 24 VDC supply, current capacity, protective earth and I/O wiring.
- Allow ventilation space for the selected DIN-rail or bottom-mount installation.
- Back up the existing controller program before replacement or commissioning.

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COMMISSIONING AND VALIDATION

- Verify the exact model and every system connection before applying power.
- Load or confirm the intended configuration and test each required inspection path.
- Check stable image transfer, triggering, I/O response and communication under operating conditions.
- Record the installed model, configuration, test result and corrective actions with the machine file.

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CONTROLLED DOCUMENTS

Official source	KEYENCE CV-X420F product record
Product record	CV-X420F
Manufacturer	KEYENCE
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN