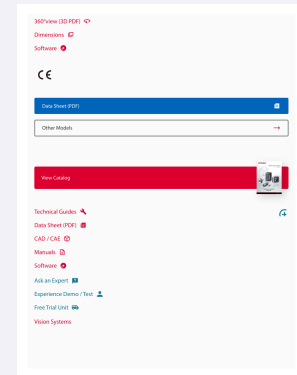


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

KEYENCE CV-X422F

2M-pixel camera supporting controller



PRODUCT	CV-X422F
FAMILY	CV-X Series Vision Systems
FUNCTION	2M-pixel camera supporting controller
STATUS	Verify exact configuration

Prepared by Amikon Limited from KEYENCE official CV-X422F model page and CV-X series resources. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Controller type	2M-pixel camera supporting controller
Supported camera class	2M-pixel camera
Overall width	122 mm
Overall height	168 mm
Overall depth	141.6 mm
Installation mounting	DIN-rail mounting provision
Configuration storage	Controller project and inspection settings

02 MOUNTING AND CONNECTION

- Confirm the complete CV-X422F controller marking before installation.
- Confirm the selected camera is within the supported 2M-pixel camera class.
- Provide DIN-rail support and sufficient wiring, ventilation and service clearance.
- Connect power, trigger, I/O, network and display interfaces only to the current KEYENCE documentation.
- Back up the approved inspection project and calibration before replacement.

OFFICIAL INSTALLATION REFERENCE

[360°view \(3D PDF\)](#)
[Dimensions](#)
[Software](#)



[Data Sheet \(PDF\)](#)

[Other Models](#)

[View Catalog](#)


[Technical Guides](#)

[Data Sheet \(PDF\)](#)

[CAD / CAE](#)

[Manuals](#)

[Software](#)

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[Vision Systems](#)

Official manufacturer reference reproduced from KEYENCE official CV-X422F model page and CV-X series resources. Use the current source document and all referenced drawings and notes for installation.

04

CABLE ROUTING AND CONNECTION

- Confirm the selected camera is within the supported 2M-pixel camera class.
- Provide DIN-rail support and sufficient wiring, ventilation and service clearance.
- Connect power, trigger, I/O, network and display interfaces only to the current KEYENCE documentation.
- Back up the approved inspection project and calibration before replacement.
- Verify image quality, calibration, triggers, communications and pass/fail outputs before release.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm normal indications and fault-contact state after commissioning.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	KEYENCE official CV-X422F model page and CV-X series resources
Product record	CV-X422F
Manufacturer	KEYENCE
Support	INFO@AMIKON.CN