

AMIKON TECHNICAL DOCUMENTATION

Data Sheet

KEYENCE CV-X470F

5-megapixel camera supporting vision controller



01 VERIFIED PRODUCT IDENTITY

Product model	CV-X470F
Manufacturer	KEYENCE
Product family	CV-X Series
Controller type	5-megapixel camera supporting type
Rated voltage	24 VDC $\pm 10\%$
Current consumption	3.8 A

02 TECHNICAL DATA

External trigger inputs	4 points
Trigger delay setting	0 to 999 ms
Control inputs	16 points
Control outputs	27 points
High-speed outputs	4 points
Output type	Photo MOSFET, 50 mA max.

DIN-rail temperature	0 to 45°C
Bottom-mount temperature	0 to 40°C
Operating humidity	35% to 85% RH, no condensation
Approximate mass	1,750 g
Overall dimensions	145.7 × 141.6 × 168 mm

- Surface inspection with a suitable high-resolution camera and optical setup.
- Calibrated dimensional measurement of critical image features.
- Assembly verification for component orientation, presence and placement.

Confirm the exact model, connected equipment, accessories, power, interfaces, installation envelope and application requirements before ordering or commissioning.