

Keyence IV-HG500CA

Model: IV-HG500CA

Brand: Keyence

Series: IV Series

Compact sensor head for IV-HG10/IV-HG15 amplifier, standard field of view, color type.

—— Hardware ——

Type: Sensor head, standard sensor model

Installed distance: 20 to 500 mm

View: Installed distance 20 mm: 10 (H) x 7.5 (V) mm to installed distance 500 mm: 200 (H) x 150 (V) mm

Image sensor: 1/3 inch color CMOS, 752 (H) x 480 (V) pixels

Focus adjustment: Auto

Exposure time: 1/10 to 1/50,000

Illumination: White LED

Lighting method: Pulse/DC lighting switchable

—— Communication ——

Built-in ports: None (connects to IV-HG10 amplifier via dedicated cable)

Protocols: None

Communication expansion: Via amplifier

—— Electrical ——

Supply voltage: Supplied by connected amplifier

Power consumption: Not available

Output type: Not available (outputs via amplifier)

—— Environmental ——

Operating temperature: 0 to +50° C (no freezing)

Relative humidity: 35 to 85% RH (no condensation)

Protection rating: IP67 (except when polarized filter attachment OP-87899/OP-87900/OP-87901/OP-87902 is mounted)

Vibration resistance: 10 to 55 Hz, double amplitude 1.5 mm, 2 hours in each of X/Y/Z directions (except when dome attachment IV-GD05/IV-GD10 is mounted)

Shock resistance: 500 m/s², 3 times in each of 6 directions (except when dome attachment IV-GD05/IV-GD10 is mounted)

—— Physical ——

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Dimensions (H×W×D): Not available

Material: Main unit case: Zinc die-casting. Front cover: Acrylic (hard coat). Operation indicator cover: TPU.

Weight: Approx. 75 g

—— Lifecycle ——

Active; official Keyence production status confirmed via product/spec page (Last verified: 2026-09)



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