Keyence IV2-G500MA

Model: IV2-G500MA
Brand: Keyence
Series: IV2 Series

Sensor head for IV2-G30/G30F amplifier, standard field of view, monochrome type.

—— Hardware ——
Type: Sensor head, standard field of view model
Reference distance: 20 to 500 mm
Field of view: Installation distance 20 mm: 10 (H) x 7.5 (V) mm to installation distance 500 mm: 200 (H) x 150 (V) mm
Image receiving element: 1/3 inch monochrome CMOS, 752 (H) x 480 (V) pixels
Focus adjustment: Auto
Exposure time: 1/10 to 1/50000
Illumination: White LED
Lighting method: Switchable between pulse and DC lighting

—— Communication ——
Built-in ports: None (connects to IV2-G30/G30F 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 light filter attachment OP-87899/OP-87900/OP-87901 or magnifying lens attachment 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 IV2-GD05/IV2-GD10 is mounted)
Shock resistance: 500 m/s^2, 6 times in each of 3 directions (except when dome attachment IV2-GD05/IV2-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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