

Keyence IV2-CP50

Model: IV2-CP50

Brand: Keyence

Series: IV2 Series

5.7-inch touchscreen control panel for IV2/IV series vision sensors.

—— Hardware ——

Type: Control panel

Display: 5.7-inch TFT color LCD, 640 x 480 (VGA)

Touch panel: Analog resistive, actuating force 0.8 N or less

Backlight: White LED, approx. 50000 hours (25 C)

—— Communication ——

Built-in ports: M12 4-pin Ethernet (100BASE-TX/10BASE-T), USB

Protocols: Via connected sensor

Communication expansion: None

—— Electrical ——

Supply voltage: 24 VDC +/-10% (including ripple)

Power consumption: 0.3 A or less

—— Environmental ——

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

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

Protection rating: IP40

Drop resistance: 1.3 m onto concrete (2 times, any direction)

Vibration resistance: 10 to 55 Hz, double amplitude 0.7 mm, 2 hours in each of X/Y/Z directions

—— Physical ——

Dimensions (H × W × D): Not available

Weight: Approx. 450 g (main unit); approx. 485 g (with wall mounting adapter and stylus attached)

Material: Main unit case: PC. Power connector: Brass + Ni plating. Ethernet connector: Zinc + Ni plating / PA. USB connector cover: EPDM. Pen holder: PC. Adapter fixing hook: POM. LED lamp cover: PC. Mounting adapter: PC. Stylus: POM.

—— Lifecycle ——

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

You can contact us through the following contact information

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

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