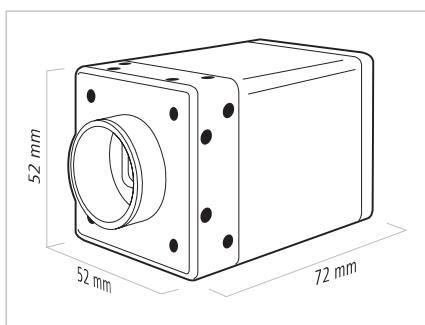


SXG20c

Facts and Data

Digital Color Matrix Camera, 2 Megapixel, Dual GigE



GIG
VISION
GEN*i*CAM



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Sensor Information

| | |
|-------------------|-------------------------------------|
| Model Name | KODAK® KAI-02050 |
| Type | 2/3" interline progressive scan CCD |
| Native Resolution | 1600 × 1200 pixels |
| Exposure Time | 10 µsec ... 1 sec |

Acquisition Formats

| | | | |
|---------------|---|--------------------|---------------|
| Image Formats | Full Frame | 1600 × 1200 pixels | max. 68.0 fps |
| Pixel Formats | Bayer RG8, Bayer RG10, Bayer RG12 | | |
| Partial Scan | True Partial Scan, Region of Interest (ROI) arbitrary | | |

Image Pre-processing

| | |
|-----------------|--|
| Analog Controls | Gain (0 ... 26 dB), Offset (0 ... 1023 LSB 14 bit) |
| Color Modes | |

Camera Features

| | |
|-----------------|--|
| Internal Buffer | 256 MBytes (max. 120 images) |
| Synchronization | Free running, Trigger |
| Trigger Sources | Hardware, Software, Action Command |
| Trigger Delay | 0 ... 2 sec, Tracking and buffering of up to 512 trigger signals |
| Digital I/Os | 3 input lines (with Debouncer), 3 output lines |

Interfaces and Connectors

| | |
|-------------------|--|
| Data Interface | Dual GigE, Transfer rate 2000 Mbit/sec Connector: 8P8C Modular Jack (RJ45), screw lock type |
| Process Interface | M8 / 8 pins |
| Power Interface | M8 / 3 pins |

Mechanical Data

| | |
|------------|------------------------------|
| Housing | Aluminum, IP40 |
| Lens Mount | C-Mount |
| Dimensions | 52 × 52 × 72 mm ³ |
| Weight | 285 g |

Electrical Data

| | |
|-------------------|------------------|
| Power Supply | 20 ... 30 V DC |
| Power Consumption | approx. 11 Watts |

Environmental Data

| | |
|-----------------------|---------------------------------------|
| Operating Temperature | +5 °C ... +60 °C (+41 °F ... +131 °F) |
| Humidity | 10% ... 90% non condensing |