

# Stingray F-033B ½" CCD Monochrome Camera

See More by [Allied Vision](#)



Stock **#59-922** CLEARANCE CONTACT US

-

1

+

S\$1,036<sup>68</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | S\$1,036.68 each              |
| Need More?     | <a href="#">Request Quote</a> |

|                   |
|-------------------|
| Product Downloads |
|-------------------|

## SPECIFICATIONS

General

Monochrome Camera

Type:

F-033B

Model Number:

Allied Vision

Manufacturer:

|                                                                                                                                                                                                   |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Stingray                                                                                                                                                                                          | Camera Series:              |
| Monochrome                                                                                                                                                                                        | Spectrum:                   |
| Physical & Mechanical Properties                                                                                                                                                                  |                             |
| 57.5 x 44 x 29 (excludes connectors and lens mount)                                                                                                                                               | Dimensions (mm):            |
| 120                                                                                                                                                                                               | Weight (g):                 |
| Full                                                                                                                                                                                              | Housing:                    |
| Sensor                                                                                                                                                                                            |                             |
| 128MB                                                                                                                                                                                             | Image Buffer:               |
| 1/2"                                                                                                                                                                                              | Sensor Format:              |
| 0.30                                                                                                                                                                                              | Resolution (Megapixels):    |
| 84.00                                                                                                                                                                                             | Frame Rate (fps):           |
| 656 x 492                                                                                                                                                                                         | Pixels (H x V):             |
| 9.9 x 9.9                                                                                                                                                                                         | Pixel Size, H x V (µm):     |
| 6.4 x 4.8                                                                                                                                                                                         | Sensing Area, H x V (mm):   |
| Sony ICX414                                                                                                                                                                                       | Imaging Sensor:             |
| Progressive Scan CCD                                                                                                                                                                              | Type of Sensor:             |
| Global                                                                                                                                                                                            | Shutter Type:               |
| 8/14 bit                                                                                                                                                                                          | Pixel Depth:                |
| Programmable via IEEE-1394 bus                                                                                                                                                                    | Exposure Time:              |
| Not Specified                                                                                                                                                                                     | Dynamic Range (dB):         |
| IIDC Standard v1.31                                                                                                                                                                               | Machine Vision Standard:    |
| Electrical                                                                                                                                                                                        |                             |
| <3.5 (12VDC External Power Supply)                                                                                                                                                                | Power Consumption (W):      |
| Hardware & Interface Connectivity                                                                                                                                                                 |                             |
| FireWire.b                                                                                                                                                                                        | Interface:                  |
| FireWire, IEEE 1394b                                                                                                                                                                              | Connector:                  |
| Power over FireWire, or with Power Supply Sold Separately.<br>USA: <a href="#">#15-281</a><br>Europe: <a href="#">#15-281</a><br>Japan: <a href="#">#15-281</a><br>China: <a href="#">#15-281</a> | Power Supply:               |
| 2 configurable inputs, 4 configurable outputs                                                                                                                                                     | GPIOs:                      |
| Hardware Trigger (GPIO) or Software Trigger                                                                                                                                                       | Synchronization:            |
| Back Panel                                                                                                                                                                                        | Interface Port Orientation: |
| 12-pin Hirose (HR10)                                                                                                                                                                              | GPIO Connector Type:        |
| Supplied via IEEE-1394.b cable or 12-pin Hirose                                                                                                                                                   | Power Requirement:          |
| Threading & Mounting                                                                                                                                                                              |                             |
| C-Mount                                                                                                                                                                                           | Mount:                      |
| 1/4-20 with Tripod Mount Adapter <a href="#">#59-157</a>                                                                                                                                          | Mounting Threads:           |

| Environmental & Durability Factors |                             |
|------------------------------------|-----------------------------|
| +5 to +45                          | Operating Temperature (°C): |
| -10 to +70                         | Storage Temperature (°C):   |
|                                    |                             |
| Regulatory Compliance              |                             |
| Compliant                          | RoHS 2015:                  |
| View                               | Certificate of Conformance: |
|                                    |                             |
| Compliant                          | Reach 240:                  |
|                                    |                             |

## PRODUCT DETAILS

- Excellent Price/Performance Ratio
- High bit-depth (14-bit or 8-bit output, user-selectable)
- VGA(640 x 480) – 5MP Resolutions Available

The Allied Vision StingrayFireWre.b Camera is a part of the Allied Vision Stingray camera family, which offers high-performance cameras that utilize a high-speed IEEE-1394-b interface at an economical price. Using Sony CCD sensors, 14-bit depth output, and on-board SmartFeatures allows for greater flexibility in demanding image applications. Every member of the Stingray family has high sensitivity and is available in color or monochrome versions. The Allied Vision StingrayFireWre.b Camera is compatible with PC (including WMD) or Linux environments. Each camera includes a firewire cable. Drive and SDK can be [downloaded](#) from Allied Vision website. Optional 1/4-20 mounting adapter [#59-157](#), 12-pin trigger I/O cable, and laptop FireWire card are available.