

Affected Product Pike F-210C, Prosilica GE1900C
PCN Title Discontinuation of Pike F-210C and Prosilica GE1900C Cameras
PCN No. PCRREVB-337 / 2015-11-06 **PCN Issue date** 2015-12-10
Contact pcn@alliedvision.com

Type of change

- | | |
|---|---|
| <input type="checkbox"/> Regulatory / Compliance | <input type="checkbox"/> Firmware Specification |
| <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Accessories Specification |
| <input type="checkbox"/> Electrical Specification | <input checked="" type="checkbox"/> DISC (Discontinued) |
| <input type="checkbox"/> Optical Specification | <input type="checkbox"/> |

Affected item(s) / item number(s)

| Camera Model | Item number | Item Description |
|--------------------|-------------|--|
| Pike F-210C | 2372 | Camera Pike F-210C color W90 S90 ASG |
| | 3040 | Camera Pike F-210C color W90 S90 |
| | 3063 | Camera Pike F-210C color medical |
| | E0000874 | Camera Pike F-210C color |
| | E0000891 | Camera Pike F-210C color fiber |
| | E0001054 | Camera Pike F-210C color M39-Mount |
| | E0001055 | Camera Pike F-210C color fiber M39-Mount |
| | E0001076 | Camera Pike F-210C color fiber ASG |
| | E0001129 | Camera Pike F-210C color W90 |
| | E0001130 | Camera Pike F-210C color W270 |
| | E0001149 | Camera Pike F-210C color W270 S90 |
| | E0001322 | Camera Pike F-210C color W90 ASG |
| GE1900C | 02-2081C | Camera Prosilica GE1900C color |
| | 02-2081C-03 | Camera Prosilica GE1900C color, F-Mount |
| | 02-2081C-09 | Camera Prosilica GE1900C color Birger EF-mount |

Reason for change

Allied Vision was informed by ON Semiconductors about a product discontinuation of the sensor **KAI-2093 color** (all variants). Reason is the low demand by customers for this particular color sensor model.

As a consequence Allied Vision needs to discontinue all camera models / variants based on this sensor.

Change description

The above mentioned item numbers change over to the status "End of Life" (EOL). Please see the schedule below.

End of life schedule

Affected product: See table above

| | Start | End |
|----------------------------------|-------------------|-------------------|
| Last time buy period | December 10, 2015 | February 10, 2016 |
| Last time shipment period | February 11, 2016 | August 10, 2016 |
| Last warranty period | August 11, 2016 | August 10, 2019 |

Customer action request

Please place your orders until last time buy date.

Orders for cameras in EOL status are confirmed and processed, depending on component availability.

Apart from this, apply our [terms and conditions](#).

Possible successor

| Camera Model | Pike F-210 | GE1900 | Manta G-235 GT1930 | Mako G-234 | Mako G-223 Manta G-223 GT2000 | GT1910 | Manta G-283 GT1920 |
|---------------------------------|-------------|-------------|--------------------|-------------|-------------------------------|-------------|--------------------|
| Interface | 1394b | GigE Vision | GigE Vision | GigE Vision | GigE Vision | GigE Vision | GigE Vision |
| Sensor Manufacturer | OnSemi | OnSemi | Sony | Sony | CMOSIS | OnSemi | Sony |
| Sensor Model | KAI-2093 | KAI-2093 | IMX174 | IMX249 | CMV2000 | KAI-2150 | ICX674 |
| Resolution | 1920 x 1080 | 1920 x 1080 | 1936 x 1216 | 1936 x 1216 | 2048 x 1088 | 1920 x 1080 | 1936 x 1456 |
| Pixel Size [µm] | 7.4 | 7.4 | 5.86 | 5.86 | 5.5 | 5.5 | 4.54 |
| Frame Rate [fps] | 31 | 30 | 50 | 40 | 49.5 / 53.7 (GT) | 57.5 | 30 / 40.7 (GT) |
| Sensor Size | 1" | 1" | 1/1.2" | 1/1.2" | 2/3" | 2/3" | 2/3" |
| Dynamic Range [dB] | 57 | 56 | 74 | 73.7 | 57 | 65 | 64 |
| Saturation Capacity [e-] | 30.300 | 19.000 | 33.300 | 33.000 | 9.400 | 14.500 | 16.100 |
| Temporal Dark Noise [e-] | 45 | 29 | 6 | 5.9 | 13 | 8 | 10 |

For more specific details and more alternative products, please contact your Allied Vision Support or Sales representative

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