

[All Products](#) / [Cameras](#) / [USB Cameras](#)

IDS Imaging uEye+ CP/XCP/SE USB3 Cameras

See More by [IDS Imaging Development Systems](#)



- Standard (SE), Compact (CP), and Ultra Compact (XCP) Housing Options Available
- C-Mount with Large Format CMOS Sensors up to 1.1"
- Up to 20.44MP Resolution with Framerrates up to 396fps

Common Specifications

General

Manufacturer:	IDS Imaging Development Systems
---------------	---------------------------------

Sensor

Type of Sensor:	Progressive Scan CMOS
-----------------	-----------------------

Machine Vision Standard:	USB3 Vision
--------------------------	-------------

Hardware & Interface Connectivity

Interface:	USB 3.0
------------	---------

Power Supply:	Power over USB
---------------	----------------

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Color Camera	U3-3200SE-C-HQ	1.1"	12.90	USB Type-C, screwable	C-Mount	#24-132	£1,932.00	1 In Stock
Monochrome Camera	U3-3200SE-M-GL	1.1"	12.90	USB Type-C, screwable	C-Mount	#24-133	£1,932.00	Contact Us
Color Camera	U3-3290SE-C-HQ	1"	8.80	USB Type-C, screwable	C-Mount	#24-134	£1,556.00	Contact Us
Monochrome Camera	U3-3290SE-M-GL	1"	8.80	USB Type-C, screwable	C-Mount	#24-135	£1,556.00	1 In Stock
Color Camera	U3-3800SE-C-HQ	1"	20.40	USB Type-C, screwable	C-Mount	#24-136	£800.00	1 In Stock
Monochrome Camera	U3-3800SE-M-GL	1"	20.40	USB Type-C, screwable	C-Mount	#24-137	£800.00	2 In Stock
Monochrome Camera	U3-3990SE-M-GL	1.1"	20.30	USB Type-C, screwable	C-Mount	#24-141	£2,004.00	Contact Us
Color Camera	U3-3990SE-C-HQ	1.1"	20.30	USB Type-C, screwable	C-Mount	#24-140	£2,004.00	4 In Stock
Color Camera	U3-3890SE-C-HQ	1/1.7"	12.00	USB Type-C, screwable	C-Mount	#24-138	£612.00	Contact Us
Monochrome Camera	U3-3890SE-M-GL	1/1.7"	12.00	USB Type-C, screwable	C-Mount	#24-139	£612.00	1 In Stock
Color Camera	U3-3130CP-C-HQ	1/3.6"	0.50	USB 3.0 micro-B, screwable	C-Mount	#24-077	£496.00	Contact Us
Monochrome Camera	U3-3130CP-M-GL	1/3.6"	0.50	USB 3.0 micro-B, screwable	C-Mount	#24-078	£496.00	1 In Stock
Color Camera	U3-3140CP-C-HQ	1/2"	1.30	USB 3.0 micro-B, screwable	C-Mount	#24-079	£520.00	3 In Stock
Monochrome Camera	U3-3140CP-M-GL	1/2"	1.30	USB 3.0 micro-B, screwable	C-Mount	#24-080	£520.00	1 In Stock
Color Camera	U3-3160CP-C-HQ	2/3"	2.30	USB 3.0 micro-B, screwable	C-Mount	#24-081	£624.00	2 In Stock
Monochrome Camera	U3-3160CP-M-GL	2/3"	2.30	USB 3.0 micro-B, screwable	C-Mount	#24-082	£624.00	1 In Stock
Color Camera	U3-3180CP-C-HQ	1"	5.30	USB 3.0 micro-B, screwable	C-Mount	#24-083	£912.00	Contact Us
Monochrome Camera	U3-3180CP-M-GL	1"	5.30	USB 3.0 micro-B, screwable	C-Mount	#24-084	£912.00	1 In Stock

Monochrome Camera	U3-3040CP-M-GL	1/2.9"	1.58	USB 3.0 micro-B, screwable	C-Mount	#16-505	£432.00	1 In Stock
Color Camera	U3-3040CP-C-HQ	1/2.9"	1.58	USB 3.0 micro-B, screwable	C-Mount	#16-504	£432.00	1 In Stock
Monochrome Camera	U3-3860CP-M-GL	1/3"	2.12	USB 3.0 micro-B, screwable	C-Mount	#16-541	£468.00	5 In Stock
Color Camera	U3-3860CP-C-HQ	1/3"	2.12	USB 3.0 micro-B, screwable	C-Mount	#16-540	£468.00	Contact Us
Monochrome Camera	U3-3880CP-M-GL	1/1.8"	6.41	USB 3.0 micro-B, screwable	C-Mount	#16-545	£424.00	5 In Stock
Color Camera	U3-3880CP-C-HQ	1/1.8"	6.41	USB 3.0 micro-B, screwable	C-Mount	#16-544	£424.00	Contact Us
Monochrome Camera	U3-3270CP-M-GL	1/1.8"	3.15	USB 3.0 micro-B, screwable	C-Mount	#16-529	£536.00	2 In Stock
Color Camera	U3-3270CP-C-HQ REV.2.2	1/1.8"	3.15	USB 3.0 micro-B, screwable	C-Mount	#16-528	£536.00	2 In Stock
Monochrome Camera	U3-3070CP-M-GL	1/1.8"	3.15	USB 3.0 micro-B, screwable	C-Mount	#16-513	£816.00	1 In Stock
Color Camera	U3-3070CP-C-HQ	1/1.8"	3.15	USB 3.0 micro-B, screwable	C-Mount	#16-512	£816.00	1 In Stock
Monochrome Camera	U3-3890CP-M-GL	1/1.7"	12.00	USB 3.0 micro-B, screwable	C-Mount	#16-549	£476.00	Contact Us
Color Camera	U3-3890CP-C-HQ	1/1.7"	12.00	USB 3.0 micro-B, screwable	C-Mount	#16-548	£476.00	Contact Us
Monochrome Camera	U3-3280CP-M-GL	2/3"	5.01	USB 3.0 micro-B, screwable	C-Mount	#16-533	£808.00	3 In Stock
Color Camera	U3-3280CP-C-HQ	2/3"	5.01	USB 3.0 micro-B, screwable	C-Mount	#16-532	£808.00	2 In Stock
Monochrome Camera	U3-3080CP-M-GL	2/3"	5.01	USB 3.0 micro-B, screwable	C-Mount	#16-517	£1,288.00	2 In Stock
Color Camera	U3-3080CP-C-HQ	2/3"	5.01	USB 3.0 micro-B, screwable	C-Mount	#16-516	£1,288.00	5 In Stock
Monochrome Camera	U3-3260CP-M-GL	1/1.2"	2.30	USB 3.0 micro-B, screwable	C-Mount	#16-525	£556.00	1 In Stock
Color Camera	U3-3260CP-C-HQ	1/1.2"	2.30	USB 3.0 micro-B, screwable	C-Mount	#16-524	£556.00	1 In Stock
Monochrome Camera	U3-3060CP-M-GL	1/1.2"	2.30	USB 3.0 micro-B, screwable	C-Mount	#16-509	£828.00	Contact Us
Color Camera	U3-3060CP-C-HQ	1/1.2"	2.30	USB 3.0 micro-B, screwable	C-Mount	#16-508	£828.00	3 In Stock

Monochrome Camera	U3-3800CP-M-GL	1"	20.44	USB 3.0 micro-B, screwable	C-Mount	#16-539	£664.00	Contact Us
Color Camera	U3-3800CP-C-HQ	1"	20.44	USB 3.0 micro-B, screwable	C-Mount	#16-538	£664.00	2 In Stock
Mono POL	U3-3080CP-P-GL	2/3"	5.04	USB 3.0 micro-B, screwable	C-Mount	#78-115	£2,180.00	1 In Stock
Monochrome Camera	U3-30C0CP-M-GL	1/2.3"	2.35	USB 3.0 micro-B, screwable	C-Mount	#78-117	£436.00	1 In Stock
Color Camera	U3-30C0CP-C-HQ	1/2.3"	2.35	USB 3.0 micro-B, screwable	C-Mount	#78-116	£436.00	2 In Stock
Color Camera	U3-31F0CP-C-HQ	1/1.8"	5.10	USB 3.0 micro-B, screwable	C-Mount	#78-109	£632.00	1 In Stock
Monochrome Camera	U3-31J0CP-M-GL	2/3"	8.13	USB 3.0 micro-B, screwable	C-Mount	#78-108	£768.00	2 In Stock
Color Camera	U3-31J0CP-C-HQ	2/3"	8.13	USB 3.0 micro-B, screwable	C-Mount	#78-107	£768.00	1 In Stock
Monochrome Camera	U3-31L0CP-M-GL	1/1.1"	12.42	USB 3.0 micro-B, screwable	C-Mount	#78-106	£1,244.00	1 In Stock
Color Camera	U3-31L0CP-C-HQ	1/1.1"	12.42	USB 3.0 micro-B, screwable	C-Mount	#78-105	£1,244.00	1 In Stock
Monochrome Camera	U3-31N0CP-M-GL	1.1"	16.20	USB 3.0 micro-B, screwable	C-Mount	#78-114	£1,472.00	1 In Stock
Color Camera	U3-31N0CP-C-HQ	1.1"	16.20	USB 3.0 micro-B, screwable	C-Mount	#78-113	£1,472.00	Contact Us
Monochrome Camera	U3-31R0CP-M-GL	1.2"	24.55	USB 3.0 micro-B, screwable	C-Mount	#78-112	£2,264.00	1 In Stock
Color Camera	U3-31R0CP-C-HQ	1.2"	24.55	USB 3.0 micro-B, screwable	C-Mount	#78-111	£2,264.00	1 In Stock
Monochrome Camera	U3-3990CP-M-GL	1.1"	20.36	USB 3.0 micro-B, screwable	C-Mount	#78-119	£1,868.00	1 In Stock
Monochrome Camera	U3-3684XLS-M-GL	1/2.5"	5.10	USB 3.0 micro-B	C/CS-Mount	#78-187	£202.40	2 In Stock
Color Camera	U3-33F0XCP-C-HQ	1/1.8"	5.10	USB 3.0 micro-B, screwable	C-Mount	#78-186	£496.00	1 In Stock
Monochrome Camera	U3-33F1XLS-M	1/1.8"	5.10	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-200	£448.00	1 In Stock
Monochrome Camera	U3-33F4XLS-M-GL	1/1.8"	5.10	USB 3.0 micro-B	C/CS-Mount	#78-204	£456.00	1 In Stock
Color Camera	U3-33F4XLS-C-HQ	1/1.8"	5.10	USB 3.0 micro-B	C/CS-Mount	#78-203	£456.00	Contact Us

Monochrome Camera	U3-34E0XCP-M-GL	1/1.8"	4.13	USB 3.0 micro-B, screwable	C-Mount	#78-285	£237.60	2 In Stock
Color Camera	U3-34E0XCP-C-HQ	1/1.8"	4.13	USB 3.0 micro-B, screwable	C-Mount	#78-284	£237.60	2 In Stock
Monochrome Camera	U3-34F0XCP-M-GL	1/2.8"	5.08	USB 3.0 micro-B, screwable	C-Mount	#78-283	£248.00	1 In Stock
Color Camera	U3-34F0XCP-C-HQ	1/2.8"	5.08	USB 3.0 micro-B, screwable	C-Mount	#78-282	£248.00	1 In Stock
Monochrome Camera	U3-34L0XCP-M-GL	1/1.6"	12.62	USB 3.0 micro-B, screwable	C-Mount	#78-287	£286.40	Contact Us
Color Camera	U3-34L0XCP-C-HQ	1/1.7"	12.62	USB 3.0 micro-B, screwable	C-Mount	#78-286	£286.40	1 In Stock
Monochrome Camera	U3-34E1XLS-M	1/1.8"	4.13	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#73-548	£202.40	Contact Us
Color Camera	U3-34E1XLS-C	1/1.8"	4.13	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#73-547	£192.80	1 In Stock
Monochrome Camera	U3-34F1XLS-M	1/2.8"	5.08	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-289	£203.20	Contact Us
Color Camera	U3-34F1XLS-C	1/2.8"	5.08	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-288	£203.20	Contact Us
Monochrome Camera	U3-34F4XLS-M-GL	1/2.8"	5.08	USB 3.0 micro-B	C/CS-Mount	#78-293	£206.40	Contact Us
Color Camera	U3-34F4XLS-C-HQ	1/2.8"	5.08	USB 3.0 micro-B	C/CS-Mount	#78-292	£206.40	1 In Stock
Color Camera	U3-3561XLS-C	1/2.6"	2.30	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-193	£244.80	Contact Us
Monochrome Camera	U3-36P0XCP-M-GL	1/1.8"	19.80	USB 3.0 micro-B, screwable	C-Mount	#78-275	£300.00	Contact Us
Color Camera	U3-36P0XCP-C-HQ	1/1.8"	19.80	USB 3.0 micro-B, screwable	C-Mount	#78-258	£310.40	Contact Us



Recertified

Stock No.: 78-258-RCD-05P
Recertified Code: 05P (All Original
Parts Included, Perfect)

Recertified Products

*Typically 1-2 Recertified Products are
in stock at a time. Please contact our
sales team if you would like exact
availability of an item.*

Recertified products are those
identified with the recertified logo
indicating they were returned to
Edmund Optics® and cannot be sold
as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

Color
Camera

U3-
36P0XCP-
C-HQ

1/1.8"

19.80

USB 3.0
micro-B,
screwable

C-
Mount

Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

£184.00

1 In Stock

View all our [recertified products](#) in the Web Specials section of our website.

Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
	04 Missing Manual	N	Minor Defect/Scratches
	03 Missing Manual and Small Accessory	J	Major Defect/Scratches
	02 Missing Manual and Large Accessory		

Monochrome Camera	U3-36P4XLS-M-GL	1/1.8"	19.80	USB 3.0 micro-B	C/CS-Mount	#78-272	£258.40	Contact Us
Monochrome Camera	U3-3680XCP-M-GL	1/2.5"	5.04	USB 3.0 micro-B, screwable	C-Mount	#78-208	£237.60	1 In Stock
Color Camera	U3-3680XCP-C-HQ	1/2.5"	5.04	USB 3.0 micro-B, screwable	C-Mount	#78-207	£248.00	1 In Stock
Mono NIR	U3-3680XCP-NIR-GL	1/2.5"	5.04	USB 3.0 micro-B, screwable	C-Mount	#78-209	£320.80	Contact Us
Monochrome Camera	U3-3681XLS-M	1/2.5"	5.04	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-190	£192.80	1 In Stock
Color Camera	U3-3681XLS-C	1/2.5"	5.04	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-189	£203.20	2 In Stock
Mono NIR	U3-3681XLS-NIR	1/2.5"	5.04	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-252	£276.00	Contact Us
Color Camera	U3-3684XLS-C-HQ	1/2.5"	5.04	USB 3.0 micro-B	C/CS-Mount	#78-295	£206.40	1 In Stock
Mono NIR	U3-3684XLS-NIR-GL	1/2.5"	5.04	USB 3.0 micro-B	C/CS-Mount	#78-254	£279.20	Contact Us
Monochrome Camera	U3-38C0XCP-M-GL	1/2.8"	2.16	USB 3.0 micro-B, screwable	C-Mount	#78-274	£224.00	2 In Stock



Recertified

Stock No.: 78-274-RCD-05P
Recertified Code: 05P (All Original
Parts Included, Perfect)

Recertified Products

*Typically 1-2 Recertified Products are
in stock at a time. Please contact our
sales team if you would like exact
availability of an item.*

Recertified products are those
identified with the recertified logo
indicating they were returned to
Edmund Optics® and cannot be sold
as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

View all our [recertified products](#) in the Web Specials section of our website.

Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Monochrome Camera U3-38C0XCP-M-GL 1/2.8" 2.16 USB 3.0 micro-B, screwable C-Mount

£141.02

2 In Stock

Color Camera	U3-38C0XCP-C-HQ	1/2.8"	2.16	USB 3.0 micro-B, screwable	C-Mount	#78-273	£224.00	1 In Stock
Monochrome Camera	U3-38J0XCP-M-GL	1/2.8"	8.41	USB 3.0 micro-B, screwable	C-Mount	#78-214	£268.80	Contact Us
Color Camera	U3-38J0XCP-C-HQ	1/2.8"	8.41	USB 3.0 micro-B, screwable	C-Mount	#78-213	£258.40	Contact Us
Color Camera	U3-38L0XCP-C-HQ	1/2.3"	12.33	USB 3.0 micro-B, screwable	C-Mount	#78-188	£289.60	1 In Stock
Monochrome Camera	U3-38C1XLS-M	1/2.8"	2.16	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-277	£175.20	1 In Stock
Color Camera	U3-38C1XLS-M	1/2.8"	2.16	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-276	£175.20	Contact Us
Monochrome Camera	U3-38C1XLS-M	1/2.8"	2.16	USB 3.0 micro-B	C/CS-Mount	#78-281	£182.40	Contact Us
Color Camera	U3-38C4XLS-C-HQ	1/2.8"	2.16	USB 3.0 micro-B	C/CS-Mount	#78-280	£182.40	Contact Us
Monochrome Camera	U3-38J1XLS-M	1/2.8"	8.41	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-248	£224.00	Contact Us
Color Camera	U3-38J1XLS-C	1/2.8"	8.41	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-249	£213.60	Contact Us
Monochrome Camera	U3-38J4XLS-M-GL	1/2.8"	8.41	USB 3.0 micro-B	C/CS-Mount	#78-246	£227.20	1 In Stock
Color Camera	U3-38J4XLS-C-HQ	1/2.8"	8.41	USB 3.0 micro-B	C/CS-Mount	#78-247	£216.80	Contact Us
Color Camera	U3-38L1XLS-C	1/2.3"	12.33	USB 3.0 micro-B	S-Mount (M12 x 0.5)	#78-255	£227.20	Contact Us
Color Camera	U3-3560XCP-C-HQ	1/2.6"	2.30	USB 3.0 micro-B, screwable	C-Mount	#78-205	£289.60	5 In Stock
Monochrome Camera	U3-3560XCP-M-GL	1/2.6"	2.30	USB 3.0 micro-B, screwable	C-Mount	#78-206	£279.20	1 In Stock
Color Camera	U3-3046LE-C-HQ	1/2.9"	1.57	USB Type-C	S-Mount (M12 x 0.5)	#73-670	£432.00	1 In Stock
Color Camera	U3-3990CP-C-HQ	1.1"	20.36	USB 3.0 micro-B, screwable	C-Mount	#73-669	£1,868.00	1 In Stock



Edmund
optics | worldwide

Copyright 2023 Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 : www.edmundoptics.com