

PROMICAM USB 3.0 and USB 2.0 Digital Cameras Supported by QuickPHOTO Software







PROMICAM USB 3.0	The camera specifications are valid when used with QuickPHOTO programs.					
Image						
Model Name	PROMICAM 3-3CC	PROMICAM 3-3CP	PROMICAM 3-5CP	PROMICAM 3-5CC	PROMICAM 3-12C	
Resolution	2.8 Megapixels	3.1 Megapixels	5 Megapixels	5 Megapixels	12 Megapixels	
Sensor Type	CCD Sony®	Sony® 2nd. Gen. PREGIUS CMOS	Sony® 2nd. Gen. PREGIUS CMOS	CCD Sony®	CMOS Sony® Exmor R	
Shutter	Global shutter	Global Shutter	Global Shutter	Global shutter	Rolling Shutter, Global reset	
Available Resolutions @Max. Frame Rate	1928 x 1448@26 fps 1920 x 1080 (Full HD - ROI)@32 fps 1280 x 1024 (ROI)@32 fps 1024 x 768 (ROI)@38 fps 964 x 724 (Binning)@26 fps	2048 x 1536@36 fps 1920 x 1080 (Full HD - ROI)@51 fps 1024 x 768 (Binning)@36 fps	2448 x 2048@23 fps 1920 x 1080 (Full HD - ROI)@43 fps 1224 x 1024 (binning)@23 fps	2448 x 2048@15 fps 1920 x 1080 (Full HD - ROI)@23 fps 1224 x 1024 (binning)@15 fps	4000 x 3000@11.5 fps 4096 x 2160 (4K - ROI)@16 fps 3840 x 2160 (4K UHD - ROI)@16 fps 2560 x 1920 (ROI)@27 fps 2040 x 1536 (ROI)@27 fps 2048 x 1080 (ROI)@60 fps 1920 x 1080 (Full HD - ROI)@60 fps 1024 x 768 (ROI)@60 fps	
Lower Resolutions	Binning 2x2, ROI	Binning 2x2, ROI	Binning 2x2, ROI	Binning 2x2, ROI	Subsampling, ROI	
Color/Mono.	Color RGB	Color RGB	Color RGB	Color RGB	Color RGB	
Exposure Times	1/25 000 (40 μs) - 32 s	1/58 000 (17 μs) - 12 s	1/50 000 (20 μs) - 12 s	1/33 000 (30 μs) - 32 s	1/6 000 (167 μs) - 1 s	
Sensor Size	1/1.8"	1/1.8"	2/3"	2/3"	1/2.5"	
Pixel Size (μm)	3.69 x 3.69	3.45 x 3.45	3.45 x 3.45	3.45 x 3.45	1.55 x 1.55	
Interface	USB 3.0	USB 3.0	USB 3.0	USB 3.0	USB 3.0	
Mount	C-mount	C-mount	C-mount	C-mount	C-mount	







PROMICAM USB 2.0	The camera specifications are valid when used with QuickPHOTO programs.	
Image		
Model Name	PROMICAM 2-5	PROMICAM 2-8
Resolution	5 Megapixels	8 Megapixels
Sensor Type	CMOS Rolling Shutter	CCD Global Shutter
Available Resolutions @Max. Frame Rate	2592 x 1936@7 fps 1280 x 960@17 fps 640 x 480@27 fps	3264 x 2472@2 fps 1632 x 1230@17 fps
Lower Resolutions	Subsampling	Binning
Color/Mono.	Color RGB	Color RGB
Exposure Times	1/13 000 - 4 s	1/870 - 8 s
Sensor Size	1/2.5"	1/1.8"
Pixel Size (μm)	2.2 x 2.2	2.22 x 2.22
Interface	USB 2.0	USB 2.0
Mount	C-mount	C-mount

17.6.2016

PROMICAM USB 3.0 and USB 2.0 Digital Cameras Supported by QuickPHOTO Software

LUMENERA® USB 2.0 Digital Cameras Supported by QuickPHOTO Software

Lumenera® INFINITY						
Image						
Type	INFINITY Lite B	INFINITY 1-2CB	INFINITY 1-3C	INFINITY 1-5C	INFINITY 2-1RC/M	INFINITY 2-2C/M
Resolution	1.5 Megapixels	2.0 Megapixels	3.1 Megapixels	5.0 Megapixels	1.4 Megapixels	2.0 Megapixels
Sensor Type	CMOS	CMOS	CMOS	CMOS	CCD progressive	CCD progressive
Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter	Global Shutter	Global Shutter
Available Resolutions @ Max. Frame Rate	1440 x 1080@10 fps 720 x 540@20 fps	1600 x 1200@10 fps 800 x 600@20 fps	2048 x 1536@12 fps (FULL HD) 1920 x 1080@17 fps 1024 x 768@39 fps	2592 x 1944@7 fps (FULL HD) 1920 x 1080@15 fps 1296 x 968@22 fps 640 x 480@61 fps	1392 x 1040@15 fps 696 x 520@15 fps 696 x 520 (Mono)@26 fps	1616 x 1216@12 fps 808 x 608@21 fps
Other Available Image Resolutions Using DeltaVu Technology (pixel shifting)						
Lower Resolutions	Subsampling	Subsampling	Subsampling/ROI	Subsampling/ROI	Binning/Subsampling	Binning
Color/Monochromatic	Color RGB	Color RGB	Color RGB	Color RGB	Color RGB/Monochromatic	Color RGB/Monochromatic
Exposure Times	1/12 300 s - 1/3 s	1/15 600 s - 1.5 s	1/31 000 s - 3 s	1/14 000 s - 3 s	1/30 000 s - 8 min	1/142 000 s - 16 s
Sensor Size	1/2.5"	1/2"	1/2"	1/2.5"	1/2"	1/1.8"
Pixel Size (µm)	4.2 x 4.2	4.2 x 4.2	3.2 x 3.2	2.2 x 2.2	4.65 x 4.65	4.4 x 4.4
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Lens Mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount
Note						

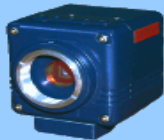
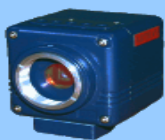
Lumenera® INFINITY						
Image						
Type	INFINITY 2-3C	INFINITY 2-5C/M	INFINITY 3-1UC/M	INFINITY 3-1C/M	INFINITY 4-11C/M	INFINITY X-32C
Resolution	3.3 Megapixels	5.0 Megapixels	1.4 Megapixels	1.4 Megapixels	10.7 Megapixels	32 Megapixels
Sensor Type	CCD progressive	CCD progressive	CCD progressive	CCD cooled progressive	CCD progressive	CCD progressive
Shutter	Interlaced	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter
Available Resolutions @ Max. Frame Rate	2080 x 1536@5 fps 1040 x 768@10 fps 688 x 512@14 fps	2448 x 2048@9 fps (FULL HD) 1920 x 1080@14 fps 1280 x 960@15 fps 1224 x 1024@9 fps 1224 x 1024 (Mono)@14 fps 612 x 512 (Mono)@22 fps	1392 x 1040@15 fps 696 x 520@15 fps 696 x 520 (Mono)@26 fps	1392 x 1040@15 fps 696 x 520@15 fps 696 x 520 (Mono)@26 fps	4000 x 2672@3.8 fps 2000 x 1336@3.8 fps (FULL HD)1920 x 1080@ 6fps 1000 x 668@3.8 fps 2000 x 1336 (Mono)@9 fps 1000 x 668 (Mono)@9 fps (FULL HD)1920 x 1080 (Mono)@10 fps	1616 x 1216@12 fps 808 x 608@21 fps
Other Available Image Resolutions Using DeltaVu Technology (pixel shifting)						6464x4864 4848x3648 3232x2432
Lower Resolutions	Binning	Binning/Subsampling/ROI	Binning/Subsampling	Binning/Subsampling	Binning/Subsampling/ROI	Binning
Color/Monochromatic	Color RGB	Color RGB/Monochromatic	Color RGB/Monochromatic	Color RGB/Monochromatic	Color RGB/Monochromatic	Color RGB
Exposure Times	1/4 300 - 3 s	1/19 000 - 71 min	1/330 000 - 60 s	1/330 000 - 20 min	1/14 300 - 10 s	1/142 000 - 1.1 s
Sensor Size	1/1.8"	2/3"	2/3"	2/3"	35mm	1/1.8"
Pixel Size (µm)	3.45 x 3.45	3.45 x 3.45	6.45 x 6.45	6.45 x 6.45	9 x 9	4.4 x 4.4
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Lens Mount	C-mount	C-mount	C-mount	C-mount	F-Mount	C-mount
Note				Cooling: 25°C below environment temperature	Requires adapter catno E61MLU015	True chip resolution: 2 Megapixels



Lumenera® is a registered trademark of Lumenera Corp.

The camera specifications are valid when used with QuickPHOTO programs.

LUMENERA® USB 2.0 Digital Cameras Supported by QuickPHOTO Software

ARTRAY and IDS USB 2.0 Digital Cameras Supported by QuickPHOTO Software

ARTRAY ARTCAM		
Case		
Type	ARTCAM 300MI	ARTCAM 500MI
Resolution	3 Megapixels	5 Megapixels
Sensor Type	CMOS	CMOS
Shutter	Rolling Shutter	Rolling Shutter
Available Resolutions	2048 x 1536 1024 x 768 512 x 384	2560 x 1920 1280 x 960 640 x 480
Lower Resolutions	Subsampling	Subsampling
Color/Monochromatic	Color RGB	Color RGB
Exposure Times	1/1 800 - 1.3s	1/1 800 - 1.3s
Sensor Size	1/2"	1/2.5"
Pixel Size (µm)	3.2 x 3.2	2.2 x 2.2
Interface	USB 2.0	USB 2.0
Lens Mount	C-Mount	C-Mount

IDS uEye		
Case		
Model Name	UI-1460LE-C-HQ	UI-1480LE-C-HQ
Resolution	3 Megapixels	5 Megapixels
Sensor Type	CMOS	CMOS
Shutter	Rolling Shutter	Rolling Shutter
Available Resolutions @ Max. Frame Rate	2048x1536@11 fps 1024x768@37 fps 512x384@110 fps	2560x1920@6 fps 1280x960@19 fps
Lower Resolutions	Subsampling	Subsampling
Color/Mono.	Color RGB	Color RGB
Exposure Times	1/1000-2 s	1/1000-2 s
Sensor Size	1/2"	1/2"
Pixel Size (µm)	3.2 x 3.2	2.2 x 2.2
Interface	USB 2.0	USB 2.0
Lens Mount	C-Mount	C-Mount

uEye® is a registered trademark of IDS Imaging Development Systems Inc.

The camera specifications are valid when used with QuickPHOTO programs.

ARTRAY and IDS USB 2.0 Digital Cameras Supported by QuickPHOTO Software