



Basler PowerPack for Microscopy

Highlights

Plug-and-play package for microscopy with all necessary components at hand:

- Microscopy camera with the latest CMOS sensors (Microscopy ace and Microscopy pulse)
- Professional microscopy software for image acquisition and analysis
- Quick Install Guide for quick and easy startup
- Compatible and tested accessories

For more information, please visit
[baslerweb.com/
 powerpack-for-microscopy](http://baslerweb.com/powerpack-for-microscopy)



MICROSCOPY ACE & MICROSCOPY PULSE

Product Group Specifications	
Interface	USB 3.0
Housing Size	Microscopy ace (L×W×H): 29.3 mm×29 mm×29 mm, Microscopy pulse (d×L): 38.8 mm×28.2 mm
Housing Temperature During Operation	0 °C - 50 °C
Typical Weight	Microscopy ace: 80 g, Microscopy pulse: 60 g
Lens Mount	Microscopy ace: C-mount, Microscopy pulse: CS-mount
Exposure Control	Automatic, manual
Conformity	CE, RoHS, GenICam, USB3 Vision, UL, FCC Class B, KC ¹ , EAC
Driver	Basler Microscopy Software, Basler Video Recording Software
Operating System	Windows 7, Windows 8.1, Windows 10 - 32 bit and 64 bit

¹Only for selected models, please refer to our website baslerweb.com/powerpack-for-microscopy for detailed information.

CAMERA MODEL	SENSOR	RESOLUTION [H×V PIXELS]	RESOLUTION [MP]	SENSOR TYPE	SHUTTER	FRAME RATE [FPS]	PIXEL SIZE [μm ²]	OPTICAL SIZE
PowerPack for Microscopy with Microscopy ace								
Microscopy ace 1.3 MP 48 color	Sony PREGIUS	1280×1024	1.3	CMOS	Global	48	5.86×5.86	1/1.8"
Microscopy ace 1.3 MP 145 color	onsemi	1280×1024	1.3	CMOS	Global	145	4.8×4.8	1/2"
Microscopy ace 1.3 MP 200 mono	onsemi	1280×1024	1.3	CMOS	Global	200	4.8×4.8	1/2"
Microscopy ace 2.3 MP 40 mono/color	Sony PREGIUS	1920×1200	2.3	CMOS	Global	40	5.86×5.86	1/1.2"
Microscopy ace 3.2 MP 55 color	Sony PREGIUS	2048×1536	3.2	CMOS	Global	55	3.45×3.45	1/1.8"
Microscopy ace 5.1 MP 35 mono/color	Sony PREGIUS	2448×2048	5.1	CMOS	Global	35	3.45×3.45	2/3"
Microscopy ace 12.2 MP 15 color	Sony STARVIS	4024×3036	12.2	CMOS	Rolling	15	1.85×1.85	1/1.7"
PowerPack for Microscopy with Microscopy pulse								
Microscopy pulse 1.2 MP 54 color	onsemi	1280×960	1.2	CMOS	Global	54	3.75×3.75	1/3"
Microscopy pulse 2.0 MP 30 color	onsemi	1920×1080	2.0	CMOS	Rolling	30	2.2×2.2	1/3.7"
Microscopy pulse 3.3 MP 20 color	onsemi	2048×1584	3.3	CMOS	Rolling	20	2.2×2.2	1/3"
Microscopy pulse 5.0 MP 14 color	onsemi	2592×1944	5.0	CMOS	Rolling	14	2.2×2.2	1/2.5"