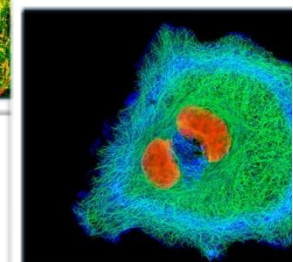
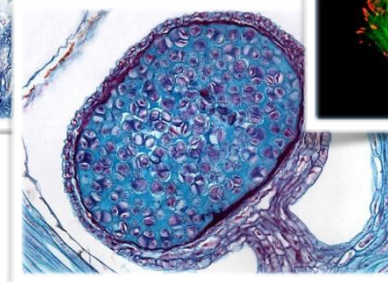
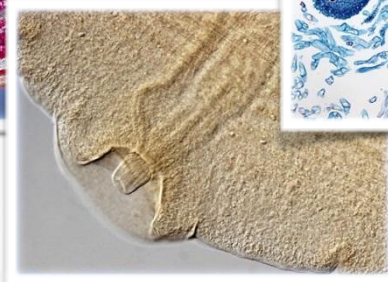
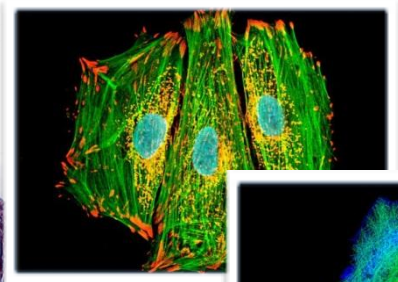
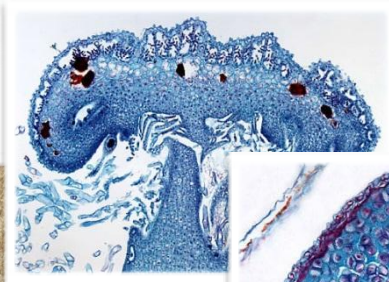
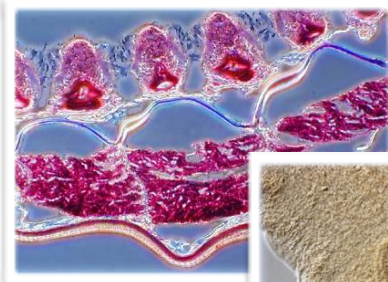
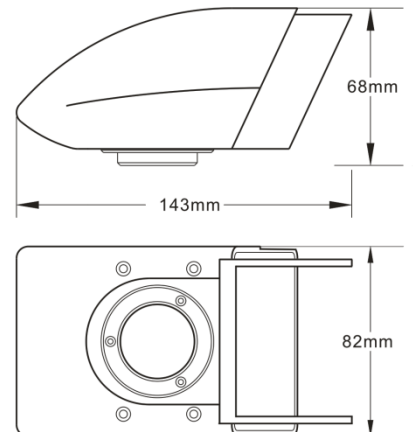




PROFESSIONAL CAMERA FOR MICROSCOPE



SHAPE AND DIMENSIONS



HARDWARE FEATURE:

- ★Ultron™ II color engine
- ★Full metal housing w/ ESD coating
- ★Dust free stainless steel C-Mount
- ★High-Quality OLPF (VIS to NIR)
- ★Simply USB data output
- ★No need external power supply
- ★Comply with RoHS standards

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SOFTWARE FEATURE:

- ★Capture images and movies
- ★2D measurement tools
- ★3D surface plot tool
- ★Video / image scale bar tools
- ★HDR / WDR Image acquisition tool
- ★Full field photos stitching tools
- ★EDoF function tools

- ★FISH Multi channel color composite
- ★Dark background denoise tool
- ★Laplacian image sharpen tools
- ★AMSR color correction tools
- ★Background brightness calibration
- ★Camera setting load and overwrite
- ★Parameter import and export
- ★10 languages user interface

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DATA SHEET

For Fluorescence, Polarization, Dark field and Bright field microscope

MODEL	HY603-07S	HY603-03S
SENSOR & OPTICAL SIZE	SONY CCD (COLOR), 1/1.8"	SONY CCD (COLOR), 1/1.8"
PSICAL RESOLUTION	7MP	3MP
ISO SENSITIVITY	Equivalent to ISO200~ISO6400	Equivalent to ISO200~ISO12800
QUANTUM EFFICIENCY	Peak 73%@500±30nm (TEC Cooling)	Peak 76%@500±30nm (TEC Cooling)
EXPOSURE TIME	0.2ms to 2s	0.2ms to 2s
FRAME RATE	MAX. 25FPS, 15FPS@FULL FRAME	MAX. 65FPS, 36FPS@FULL FRAME
IMAGE FORMAT	BMP, JPEG, TIFF, PNG etc.	BMP, JPEG, TIFF, PNG etc.
OPTICAL INTERFACE	C-Mount	C-Mount
DATA OUTPUT	USB3.0	USB3.0
OPERATING ENVIRONMENT	0~30°C, <60% RH (No condensation)	0~30°C, <60% RH (No condensation)

For Polarization, Dark field and Bright field microscope

MODEL	HY603-20C	HY603-05C	HY603-03C
SENSOR & OPTICAL SIZE	SONY CCD (COLOR), 1/2"	SONY CCD (COLOR), 1/2"	SONY CCD (COLOR), 1/2"
PSICAL RESOLUTION	20MP	5MP	3MP
ISO SENSITIVITY	Equivalent to ISO200~ISO1600	Equivalent to ISO200~ISO1600	Equivalent to ISO200~ISO2000
EXPOSURE TIME	0.2ms to 2s	0.2ms to 2s	0.2ms to 2s
FRAME RATE	MAX. 30FPS, 5FPS@FULL FRAME	MAX. 90FPS, 15FPS@FULL FRAME	MAX. 50FPS, 25FPS@FULL FRAME
IMAGE FORMAT	BMP, JPEG, TIFF, PNG etc.	BMP, JPEG, TIFF, PNG etc.	BMP, JPEG, TIFF, PNG etc.
OPTICAL INTERFACE	C-Mount	C-Mount	C-Mount
DATA OUTPUT	USB3.0	USB3.0	USB3.0
OPERATING ENVIRONMENT	0~40°C, <70% RH (No condensation)	0~40°C, <70% RH (No condensation)	0~40°C, <70% RH (No condensation)

Distributor Information

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