

IMAGING

Analog (Video) Cameras



- B&W**, CS/C-mount, 1/2" CCD (Charge Coupled Device)
EIA output, 570 TVL(H). **GW902B**.....\$390.00
- 34(L) x 34(W) x 45(H) mm, 90 g
 - CCD iris
 - 0.01 lux minimum illumination (AGC off)
 - Includes power supply and 12' BNC cable



- Color**, 480 TVL(H), Japan
- 1/3" IT CCD (Charge Coupled Device), CS/C-mount
NTSC (Composite) Output. **STC630BJ**.....\$545.00
- 51(L) x 51(W) x 55.5(H) mm, 190 g
 - CCD iris
 - 0.4 lux minimum illumination (AGC on)
 - 10 bit digital signal processing (DSP)
 - Includes power supply and 12' BNC cable
- Y/C (S-VHS) Output. **STC630AS**\$638.00
- 51(L) x 51(W) x 55.5(H) mm, 190 g
 - 0.4 lux minimum illumination (AGC on)
 - Manual gain and color controls
 - 10 bit digital signal processing (DSP)
 - Includes power supply with cables (PSISP-6YC6)
- 1/2" IT CCD (Charge Coupled Device), C-mount
NTSC (Composite) Output. **STC620BJ**.....\$743.00
- 51(L) x 51(W) x 55.5(H) mm, 190 g
 - CCD iris
 - 0.3 lux minimum illumination (AGC on)
 - 10 bit digital signal processing (DSP)
 - Includes power supply and 12' BNC cable
- Y/C (S-VHS) Output. **STC620AS**\$844.00
- 51(L) x 51(W) x 55.5(H) mm, 190 g
 - 0.3 lux minimum illumination (AGC on)
 - Manual gain and color controls
 - 10 bit digital signal processing (DSP)
 - Includes power supply with cables (PSISP-6YC6)
- (Cameras require a video coupler for microscope attachment - see VIDEO COUPLERS)*

Analog/Digital Camera



- Analog/Digital Camera**, National. **D-Moticam 480** \$711.00
- 480 TVL analog/0.4 megapixel digital (simultaneous output) [captured at 640 x 480 pixels or 30 fps (live) at 320 x 240]
 - 1/3" CCD (Charge Coupled Device) chip
 - 3 lux minimum illumination
 - Adapters for attaching camera to microscope include a C-mount ring and couplers to fit 28, 30, 34, and 35 mm OD eyepieces
 - 12 mm lens for macro viewing
 - USB, RCA, and S-video cables
 - 2 calibration slides (compound and stereo)
 - Motic Images 2000 Plus imaging software
(Hardware requirements: 1 Ghz processor, 512 MB of RAM, 64 MB video card, USB 2.0)

Digital Cameras

- Digital Camera**, Sentech. **STC-C83USB** \$778.00
- 0.8 megapixel USB 2.0 output [30 fps (live) at 1034 x 779 pixels]
 - 1/3" CCD (Charge Coupled Device) chip
 - 9.5 lux minimum illumination
 - Sentech Viewing software
 - CS/C-mount
(Hardware requirements: 1.5 Ghz processor, 512 MB of RAM, USB 2.0)



- Digital Camera**, National. **D-Moticam 2000** \$664.00
- 2.0 megapixel USB 2.0 output with card [10-20 fps at 1600 x 1280 pixels or 30 fps (live) at 640 x 480]
 - 1/2" CMOS (Complementary Metal Oxide Semiconductor) chip
 - 3 lux minimum illumination
 - Adapters for attaching camera to microscope include a C-mount ring; couplers to fit 28, 30, 34, and 35 mm OD eyepieces; and couplers to fit 23.2 and 30 mm ID eyetubes
 - 16 mm lens and viewing tube for macro viewing
 - 2 calibration slides (compound and stereo)
 - Motic Images 2000 Plus imaging software
(Hardware requirements: 1 Ghz processor, 512 MB of RAM, 128 MB video card, USB 2.0)

Continued

Digital Still Camera



Digital Still Camera, 12 megapixel, Canon. A650	\$419.00
AC Adapter. ACK600	\$65.00
Card Reader. RW022-001	\$49.00
Coupler Kits for A650	
Fits 23.2 mm ID Eyetube. 1001	\$379.00
Fits 30 mm ID Eyetube/1X C-Mount*. 1002.....	\$379.00
<i>*C-Mount purchased separately</i>	
Fits 38 mm ISO Port. 1004	\$439.00
Memory Card, 1.0 GB. SD1GB133	\$39.90
Video Monitor, color, 14", 450 TVL(H). TCM-1402S	\$277.00
Cable Connector, RCA female to BNC male. 7510	\$4.50

Monitors



B&W, metal case	
9", 750 TVL(H), EIA input. TBM-0903	\$123.00
1 BNC (EIA) in/out.	
12", 900 TVL(H), EIA input. TBM-1203	\$129.00
1 BNC (EIA) in/out.	
15", 1000 TVL(H), EIA input. TBM-1503	\$209.00
1 BNC (EIA) in/out.	
Color, metal case	
14", 450 TVL(H), NTSC & Y/C input. TCM-1402S	\$277.00
1 BNC (NTSC) in/out; 1 DIN (Y/C) in/out.	
15", 700 TVL(H), NTSC & Y/C input. TCM-1501	\$393.00
2 BNC (NTSC) in/out; 1 DIN (Y/C) in/out.	
17", 700 TVL(H), NTSC & Y/C input. TCM-1701	\$570.00
2 BNC (NTSC) in/out; 1 DIN (Y/C) in/out.	

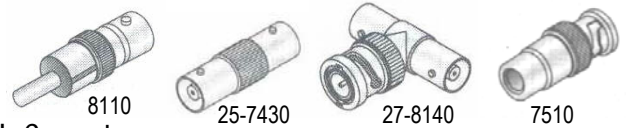
Accessories



Adapters	
CS-Mount to C-Mount, 5 mm spacer	\$15.00
35 mm Lens to C-Mount	
For Nikon lens.....	\$50.00
For Olympus lens.....	\$50.00
Nikon Phototube to SLR. PA1-12A	\$294.00
Olympus Phototube to SLR. PA1-10A	\$398.00
<i>(PA1 adapters require a T-Mount)</i>	
T-Mount for PA1 Adapters. (<i>Specify SLR model</i>)	\$30.00

Cables

BNC, male-to-male, 75Ω, RG59/U	
6'	\$8.80
12'	\$10.60
S-VHS, 4-pin male to 4-pin male	
6'	\$10.00
12'	\$14.00



Cable Connectors

BNC Female to RCA Male. 8110	\$5.65
BNC Female to BNC Female. 25-7430	\$4.20
BNC Tee, female-male-female. 27-8140.....	\$8.80
RCA Female to BNC Male. 7510	\$4.50

Cable Release. AR-3	\$24.95
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Couplers, Diagnostic Instruments

0.50X C-Mount for 38 mm ISO Photoport*. DD50NLC	\$398.00
0.50X C-Mount for Olympus BX/AX/MX/SZX. DD50BXC	\$398.00
0.63X C-Mount for 38 mm ISO Photoport*. DD63NLC	\$398.00
0.63X C-Mount for Olympus BX/AX/MX/SZX. DD63BXC	\$398.00
1X C-Mount for 38 mm ISO Photoport*. D10NLC.....	\$103.00
1X C-Mount for Olympus BX/AX/MX/SZX. D10BXC.....	\$199.00
<i>*Fits newer Nikon and Leica microscopes</i>	
Nikon SLR Lens to C-Mount TV. NIKL-CMTC	\$123.00

Couplers, National

1X C-Mount for 23.2 mm ID Eyetube. 930-023	\$26.00
1X C-Mount for 30 mm ID Eyetube. 930-024	\$30.00
<i>Lens free, these couplers are not parfocal</i>	



Mount a digital camera onto your microscope, with or without a phototube, using one of these couplers.

Couplers, Qioptiq

Omni, fits 43 mm thread (<i>Thread adapters are available.</i>)	
Fits 23.2 mm ID Eyetube. 25701001	\$299.00
Fits 30 mm ID Eyetube/1X C-Mount*. 25701002	\$320.00
Fits 38 mm ISO Port. 25701004	\$360.00
Universal, fits 37 mm thread (<i>Thread adapters are available.</i>)	
Fits 23.2 mm ID Eyetube. 25701101	\$352.00
Fits 30 mm ID Eyetube. 25701102	\$393.00
Fits 38 mm ISO Port. 25701104	\$495.00
Fits 1X C-Mount*. 25701103	\$414.00

**C-Mount purchased separately*