

BioVID HD Camera

The BioVID is now High Def! With simplistic controls, compact design, and C-mount connection, it literally is ready right out of the box! The BioVID-HD has true 1280 x 720 resolution, increased sensitivity, low-noise, and great color rendition – creating stunning, high resolution images with smooth live image display. Whether in a large lecture hall, classroom, operating room, or (hospital) lab, the BioVID-HD offers exceptional features ideal for a variety of applications in bright field, dark field, phase contrast, and even *Epi-Fluorescence. This lightweight and compact, but powerful, next generation of BioVID camera will certainly set a new industry standard.

*Ask an LWS representative how the BioVID-HD can be programmed for FM.



RESOLUTION

16:9 Format 720p

IMAGE SENSOR

1/3" Interline SXGA CCD
(ICX445AQA)

VIDEO OUTPUT

DVI compliant, RGB,
1280 (H) x 720 (V), 60 Hz / 50 Hz

CHARACTER GENERATOR

Built-in character generating function via the UART communication

POWER

9Vdc to 15Vdc (Typically: 12Vdc)
< 3.0 W

OPERATING COND.

Operational: 0°C ~ 45°C (32°F to 113°F)

OUTPUT

HDMI connector

BUTTON

One push button; Initial press button function: push-to-set white balance; Initial hold button function: Auto white balance

MINIMUM ILLUMINATION

5 Lux at F1.2 at 50% IRE; AGC ON and 1/60 second shutter speed

BioVID

Model #	Description
BVC-HDMI-CMT3	BioVID HD video camera w/ power cord and HDMI cable

- Great for Research, Pathology, Cytology, Oncology, Hematology, Optometrists, In Vitro Fertilization, industrial/manufacturing, and dental applications
- Includes camera, power cord, and HDMI cable

SHUTTER SPEED

Up to 1/100,000 seconds at 60Hz or up to 1/83,947 seconds at 50hz

WHITE BALANCE

Auto / Manual / Push-to-set White Balance selectable via the UART communication

WEIGHT AND DIMS

Height: 1.57" (40mm)
Length: 1.8" (45.8mm)
Width: 1.57" (40mm)
Weight: 0.26lbs. (120g)



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