

BVP-350 3-Tube Portable Color Video Camera

• Ergonomically designed for operator ease and comfort and versatile shooting applications • f/1.2 optical prism block system matches the sensitivity and depth of field or larger format cameras • MS Plumbicon™ pickup tubes, high field operation and dynamic beam focusing techniques result in high resolution of 700 TV lines • Minimum illumination as low as 10 lux (at maximum gain) • Internal switch adds an additional 6dB when the camera is switched locally to 18dB for a total of 24dB gain • Employment of MS Plumbicon tubes, FET, pre-amplifier technology, an S/N ratio of 60dB (luminance) • High dynamic range allows acceptance of up to 600% of normal video level • Automatic digital registration compensation provides extremely precise and quick registration adjustment • Two optical filter wheels allow independent neutral density (ND) and color temperature adjustment • Viewfinder can be rotated 360° as well as adjusted horizontally, vertically, and laterally to enable the camera to be comfortably employed in complex handheld shooting sequences • Viewfinder has multiple status messages and alarms

Supplied Accessories

• Carrying case • Rain cover • VCT-13 tripod adaptor • Board extractor • EX-38, EX-90 extension boards • 6-pin connector • Shoulder belt • CAC-11A microphone adaptor • Operation and maintenance manual

Specifications

Pickup Tube:	2/3" MS Plumbicon
System:	RGB 3-tube system
Color Filters:	A: cross, B: 3200°K, C: 4300°K, D: 6300°K
ND Filters:	0: cap, 1: clear, 2: 1/4, 3: 1/16
Lens Mount:	Bayonet mount
Sensitivity:	2000 lux with f/4.5 at 90% reflectance, typical (MS "PbO")
Illumination:	Approx. 10 lux (f/1.2 lens, + 24dB gain)
Geometric Distortion:	1% (all zones)
Power Requirements:	12VDC (10.5V to 17V), 24W
Operating Temperature:	-4°F to 122°F
Weight:	13 lbs., 6 oz.
Viewfinder:	1.5" monochrome picture tube; Tally; peaking switches: 500 TV lines