



NANO HD-SDI Bullet 19mm x 56mm Camera

- HD 1080P
- ADJUSTABLE SETTINGS
- WATERPROOF TO IP67
- MULTIPLE LENS OPTIONS
- OPTIONAL BURN-PROOF CABLE



Bad Wolf Technologies NANO 19mm is the smallest “micro bullet” style camera available on the market today.

NANO supports HD resolution up to 1080p60, yet it still is capable of outputting CVBS (analog) NTSC/PAL signal at the same time. This tiny powerhouse is suitable for use in UAV, Aviation, Defense, Automotive, Industrial, Surveillance, Medical, Entertainment and other applications equally well. Using the most advanced technology on the market, NANO HD-SDI camera outperforms the competition many times its’ size.

Key features:

- 2.1 Megapixel, 1/3” Panasonic Exmor Color CMOS sensor
- Full HD - High Definition 3G/HD-SDI 1080p60/30 camera
- Simultaneous High Definition & Composite outputs
- OSD controller built into the camera harness
- Rated to IP67 standard (water/weather/dustproof)
- 6 lens options, from 20 to 115 degrees FOV (field of view)
- Control Exposure, White Balance, DNR, Day & Night mode
- Image manipulation, De-fog, Motion Detection and more

Technical Specifications

CAMERA

Imaging Device	1/3” Panasonic Exmor CMOS sensor
Scanning System	Progressive and Interlaced
Total Pixels	1956(H) x 1266(V): 2.48 MP
Effective Pixels	1944(H) x 1092(V): 2.12 MP
Lens (default)	3.6mm M8 mount board lens
Min. Illumination	0.3LUX@F2.5, 30IRE
Sync System	Internal
Electronic Shutter	60Hz : 1/30 1/30,000 sec 50Hz : 1/25 1/30,000 sec
S/N Ratio	More than 50dB

VIDEO

Output 1	HD-SDI, EX-SDI, 3G-SDI
Output 2	CVBS (NTSC/PAL) without WDR
Resolution & Frame Rate	1080@60i/50i, 1080@60p/50p 1080@30p/25p, 720@60p/50p 720p30/25p

POWER

Connector Requirements	2.1 mm x 5.5 mm DC Jack, Male
Consumption	+12VDC (±10%) 130mA @ +12 VDC

ENVIRONMENTAL

Operating Temp.	14°F ~ 122°F (-10°C ~ +50°C)
Storage Temp.	4°F ~ 140°F (-20°C ~ +60°C)
Humidity	Less than 80%

OSD (BUILT IN)

Exposure	Brightness, AGC, SENS-UP, Shutter Mode & Speed
White Balance	AWB, ATW, Pushlock, Manual
Backlight	HLC, BLC & WDR
Advanced Features	DNR, Day & Night, Sharpness, Color Level, Image Mirror & Flip, Lens Shading, Digital Zoom, De-fog, Privacy Masking, Motion Detection, Gamma and more

PHYSICAL

Dimensions	19mm x 56mm
Weight	80g

**TO ORDER, USE PART NUMBER
BW-CAM-HDNANO**