

HD MINI

23mm HD-SDI/CVBS Bullet Camera

APPLICATIONS:

ROTORCRAFT
FIXED WING
NAVAL VESSELS
FLIGHT TRAINING
FLIGHT TESTING
INSTRUMENTATION
AERIAL FIREFIGHTING
MISSION RECORDING
AERIAL INSPECTION
BROADCAST
SECURITY
CCTV

FEATURES:

HD 1080p
ADJUSTABLE SETTINGS
MULTIPLE LENS OPTIONS
MOUNT OPTIONS
AVAILABLE BURN-
PROOF CABLE
WATERPROOF IP67



- 2.10 Megapixel, 1/3" Sony Exmor Color CMOS sensor
- Full HD: HD-SDI 1080p30/720p60 camera
- Simultaneous High Definition & Composite outputs
- Rated to IP67 standard (water/weather/dustproof)
- 6 lens options, from 20 to 130 degrees FOV
- Control Exposure, White Balance, DNR, Day & Night mode
- DSS Low Light Technology

The HD MINI Bullet Camera offers full 1080p resolution while being small and durable enough for numerous applications. The camera can output both CVBS and HD-SDI video signals at the same time. Compact and versatile bullet camera used throughout many industries and applications. Waterproof to IP67.

The HD MINI Quick Disconnect comes with the connector located on the rear of the camera body itself. Custom length video/power cable in single shielding is available for the HD MINI Quick Disconnect.

SPECIFICATIONS

LENS OPTIONS:

2.9mm
3.6mm
4.0mm
6.0mm
8.0mm
16.0mm

INCLUDES:

HD MINI CAMERA
3.6mm LENS - STANDARD
HD-SDI VIDEO OUTPUT
CVBS VIDEO OUTPUT
18in PIGTAIL
CLICK MOUNT
UNIVERSAL MOUNT
OSD REMOTE (OPTIONAL)

PART NUMBER(S):

BW-CAM-HDMINI
BW-CAM-HDQD23
BW-OSD-CNTRL23 (REMOTE)

CAMERA

IMAGING DEVICE	1/3" SONY EXMOR CMOS SENSOR
SCANNING SYSTEM	PROGRESSIVE
EFFECTIVE PIXELS	1984(H) x 1105(V)
UNIT CELL SIZE	2.8UM(H) x 2.8UM(V)
LENS (DEFAULT)	3.6mm M12 BOARD MOUNT LENS
MIN. ILLUMINATION	0.1 LUX
SYNC SYSTEM	AUTO/MANUAL SELECTABLE
ELECTRONIC SHUTTER	1/30 ~ 1/50,000 SEC - AUTO
S/N RATIO	MORE THAN 50DB

VIDEO

VIDEO OUTPUT 1	HD-SDI
VIDEO OUTPUT 2	CVBS NTSC/PAL
RESOLUTION	1080p30/25, 720p60/50, 720p30/25
OSD REMOTE	OPTIONAL

OSD MENU

LANGUAGES	ENGLISH, CHINESE, CHINESE(S), JAPANESE
LENS	DC / MANUAL
EXPOSURE	BRIGHTNESS / AGC / SHUTTER MODE & SPEED / SENS-UP
WHITE BALANCE	AUTO / AUTOEXT / PUSH / MANUAL
WDR/BLC/ACE	OFF / WDR / BLC
DAY & NIGHT	DIGITAL DAY & NIGHT
IMAGE	SHARPNESS / COLORLEVEL / MIRROR / FLIP / LENS SHADING / GAMMA / D-ZOOM / DEFOG
SPECIAL	PRIVACY / MOTION / DIS
SYSTEM	SDI OUT / FORMAT / FREQ / CVBS OUT / LANGUAGE / CAM TITLE

POWER

CONNECTOR	2.1 x 5.5mm DC SOCKET (HRSS-LF OPTIONAL)
REQUIREMENTS	+12VDC (±10%)
CONSUMPTION	110mA @ +12VDC

PHYSICAL

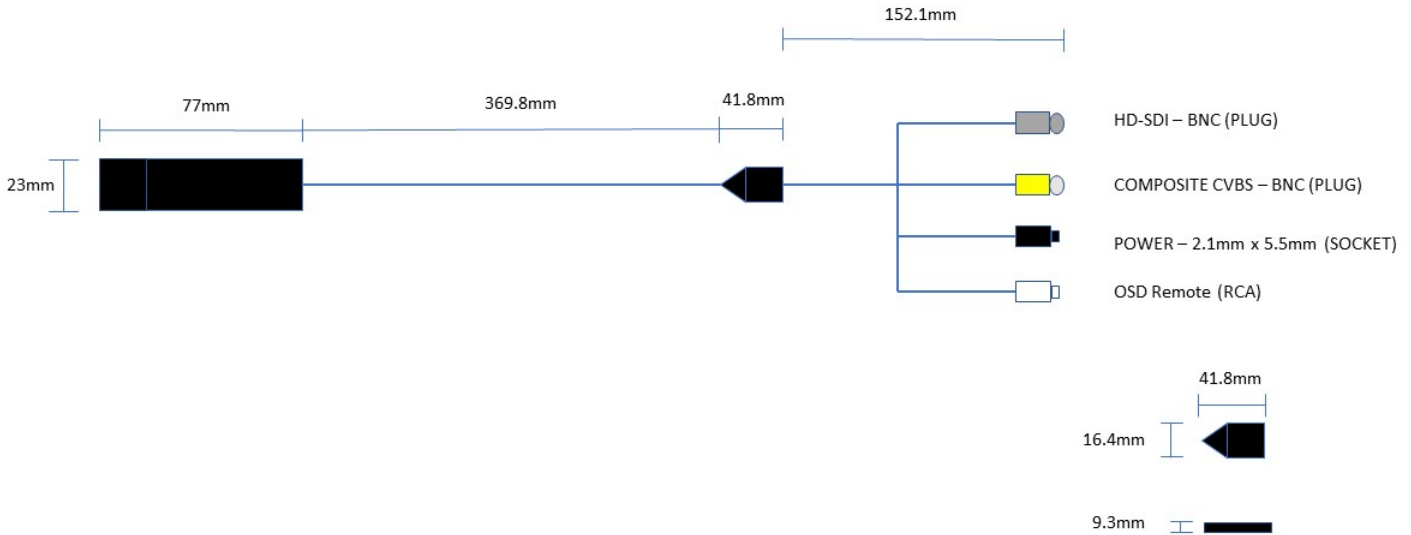
DIMENSIONS	23 x 77mm
WEIGHT	90g

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%
WATERPROOF	IP67 STANDARD (WATER/WEATHER/DUSTPROOF)



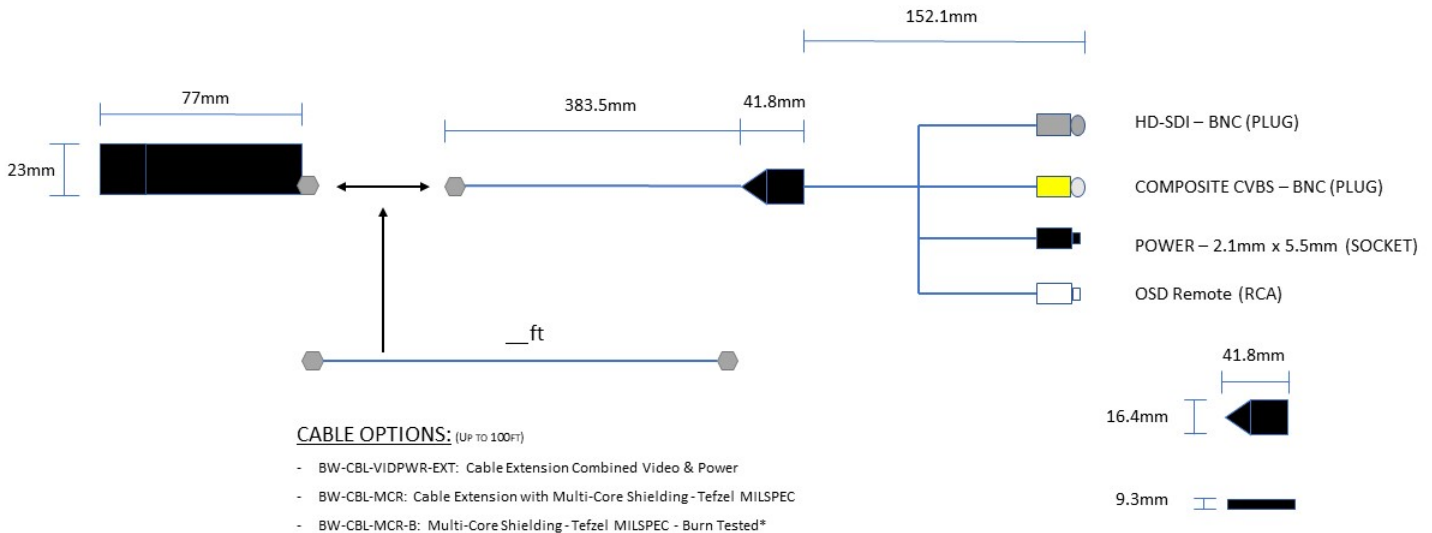
BW-CAM-HDMINI



*All measurements are approximate



BW-CAM-HDQD23 QUICK DISCONNECT



*14 CFR Part 25.869 (a)(4) AMDT 25-113 Appendix F Part (a)(3)

*All measurements are approximate