bluemango

2.2 Megapixel HDMI Mini Box Camera

*Lens sold separately

BMH701H

Full HD 1080   HD 720   HD SDI   HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HD-SDI /HDMI BOX CAMERA

High Definition Digital Video for Surveillance

HD-SDI is proven technology from the broadcast industry, supporting up to Full HD resolution (1920 x 1080) at 30 FPS over standard coaxial cables.

HD-SDI is uncompressed video over coaxial cables with virtually no latency. It is not IP, so there is no need for costly storage on the edge in case the network goes down.

HD-SDI is 6 times the resolution of analog and in many cases existing cable infrastructure can be reused. It supports up to 300 feet over standard RG59 and with low-cost repeaters it supports well over 1000 feet.

Blue Mango's HD-SDI/HDMI box cameras offer the highest quality and all come with our award winning support.

KEY FEATURES

• Full HD (1920x1080@30fps) and HD (1280x720@60fps)
• HD-SDI/HDMI/Composite Output
• Aluminum Housing
• Progressive Scan
• Day/Night
• C/CS Mount
• CE and RoHS Certified

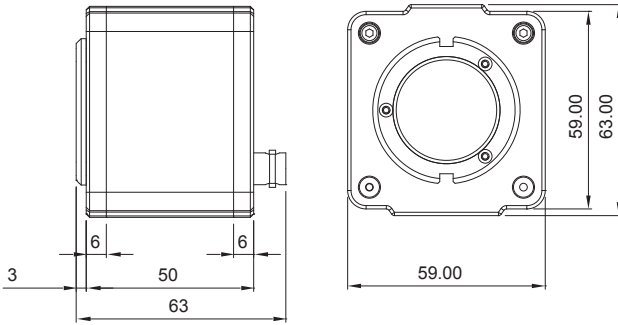**BMH701H**
HD-SDI/HDMI Mini Box Camera

Make the move from analog to digital hd and discover a new world of clarity!

BMH701H *Lens sold separately

Dimensions

Unit: mm

Connections
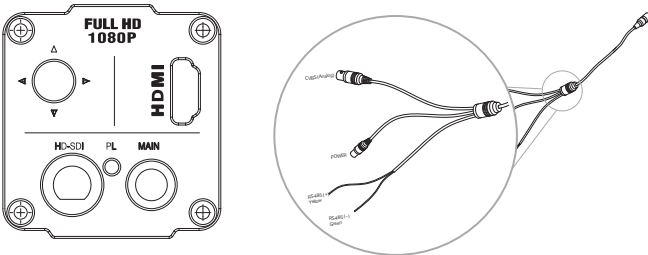
Specifications

VIDEO	BMH701H
Image Sensor	1/3" Panasonic CMOS Sensor
Total Pixels	2010 (H) x 1108 (V)
Active Pixels	1944 (H) x 1092 (V)
Scanning System	Progressive
Resolution	Digital 1920x1080 (1080p30), 1280x720 (720p60): Analog 700TVL
Min. Illumination	Color 1.0 lux; B/W 0.5 lux; Color DSS 0.002 lux; B/W DSS 0.001 lux
S/N Ratio	>50db (AGC off)
Video Output	HD-SDI, HDMI, and Composite
LENS	
Lens Mount	C/CS Mount
Shutter Speed	Auto / Manual (1/30 or 1/25 ~ 1/60,000)
OPERATIONAL	
On Screen Display	English
OSD Text	0 ~ 9, A ~ Z, a ~ z
DSS (Digital Slow Shutter)	OFF, x2, x3, x4
AGC (Automatic Gain Control)	OFF / ON
WDR / BLC	OFF / WDR / BLC
Day / Night	Auto / Day / Night / Ext
Smart IR	OFF / ON
White Balance	Auto / Preset / Manual / Indoor / Outdoor
Sharpness	0 ~ 10 steps
Mirror	OFF / H / V / H&V
Freeze	OFF / ON
Digital Zoom	32x
HLC (High Light Compensation)	OFF / ON
ACE (Advanced Contrast Enhancement)	OFF / ON
DNR (Dynamic Noise Reduction)	OFF / Low / Middle / High / Auto
D. Compress	OFF / ON
Privacy Mask	OFF / ON (32 points)
Motion	OFF / ON (4 points)
Shade Detection	OFF / ON
Shading	OFF / ON
Defect Detection	OFF / ON
Defog	OFF / ON
Pattern Generator	OFF / ON
CVBS (Composite Out)	OFF / ON
COMMUNICATION	
ID	1 ~ 255
RS-485	Baudrate: 2400, 4800, 9600, 19200, 38400, 57600, 115200
Protocol	Pelco-P; Pelco-D
ENVIRONMENTAL	
Operating Temperature	-10°C ~ +50°C, Humidity 0%RH ~ 80%RH
Storage Temperature	-20°C ~ +60°C, Humidity 0%RH ~ 90%RH
Certifications	FCC, CE, RoHS
ELECTRICAL	
Input Voltage and Current	12VDC ±10%; 250mA
Power Consumption	Max. 3 watts
MECHANICAL	
Housing	Aluminum Housing
Dimensions	59 mm (W) x 63 mm (H) x 80 mm (L); (2.32" W x 2.48" H x 3.15" L)
Weight	0.44 Kg (0.73 lb)

DISTRIBUTED BY

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