



# KPC-HDB230M

HD Miniature Bullet Camera

[www.ktncusa.com](http://www.ktncusa.com)

- 1/2.8" SONY Exmor CMOS
- 2.1 Megapixel
- Min. Illumination of 0.1 Lux
- IP67 (Weather Proof)
- Digital Day & Night
- 3D DNR / BLC / AGC / DSS
- DC 12V Power



**HD**SDI  
**HD over coax**  
High Definition CCTV Cameras

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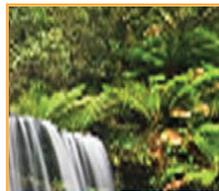
FC CE

HD camera delivers a megapixel quality video without requiring IT network bandwidth, dropping packets, or reduced resolution from compression.



16:9 HD 1920 x 1080

HD camera provides superior surveillance environment compared to conventional VGA camera.



Conventional



HD

### Back Light Compensation Zone & Level

According to the various user environments, user can position the backlight compensation zone and set levels to optimize desired picture.



BLC Off



BLC On

### DSS Low Light Technology

Digital Slow Shutter (DSS) is a technology that enhances the low light performance of a camera, producing outstanding images in low light conditions, DSS slow the picture frame rate and increase the cameras sensitivity.



Conventional Camera



KPC-HD38M

# KPC-HDB230M

## HD Miniature Bullet Camera



### Technical Specification

Image Sensor	2.1 Megapixel, 1/2.8" SONY Exmor CMOS
Video Output Mode (HD-SDI)	1080p@30fps, 1080p@25fps, 720p@60fps, 720p@50fps
Video Output Mode (TV Out)	NTSC / PAL selectable
Effective Pixels (H x V)	1984 x 1105
Unit Cell Size (H x V)	2.8 um x 2.8 um
Lens	3.7 mm (3Mpx.)
Lens Type	Fixed Board Lens
S/N Ratio	More than 50dB
Min. Illumination	0.1 Lux
Shutter Speed	Auto / Manual
Min. Exposure Time	1/60,000sec
Day & Night	Digital Day & Night
IP Rating	IP67 (Weather proof)
On-Screen Display (OSD)	AD-Key Remote Controller
BLC	On / Off
DNR	3D DNR
White Balance	Auto, AutoEXT, Push, Manual
Privacy Masking	16 Zones
WDR	D-WDR
Digital Zoom	1x ~ 8x
Digital Slow Shutter	Off, x2 ~ x8
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Temperature	-4 °F ~ 158 °F (-20 °C ~ 70 °C)
Power Consumption	DC12V (±10%), Max. 110mA
Dimension	Φ0.9 x 3.1 inch (Φ23 x 77.5 mm)
Weight	0.2 lbs (90 g)

### General Feature Diagram Unit: (mm)

