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**ELECTRONIC GROUP, INC**

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## KPC-HDB450M

HD Miniature Bullet Camera

- 1/2.8" SONY Exmor CMOS
- 2.1 Megapixel
- Min. Illumination of 0.1 Lux
- f=2.45mm, 3.6mm, 6mm Board Lens
- Digital Day & Night
- 3D DNR / BLC / AGC / WDR
- DC 12V Power



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

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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 camera's sensitivity.



Conventional Camera



KPC-HD38M

# KPC-HDB450M

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)	1944 x 1092			
Unit Cell Size (H x V)	2.75um x 2.75um			
Lens	2.45mm, 3.6mm, 6mm			
Lens Type	Fixed Board Lens			
S/N Ratio	More than 50dB			
Min. Illumination	0.1 Lux			
Shutter Speed	Auto / Manual			
Min. Exposure Time	1/30,000sec			
Day & Night	Digital Day & Night			
IR LED	Distance	N/A		
IP Rating	N/A			
On-Screen Display (OSD)	Built-in			
BLC	On / Off			
DNR	3D DNR			
White Balance	Auto, Push-lock, Manual			
Privacy Masking	30 Zones			
WDR	On / Off			
Digital Zoom	1x ~ 20x			
Digital Slow Shutter	Off, x2, x3, x4			
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)			
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)			
Humidity	Operating	Less than 80% RH	Storage	Less than 95% RH
Power Consumption	DC12V (±10%), Max. 160mA			
Dimension	Weight	Ø45 x 75mm		145g

## General Feature Diagram Unit: (mm)

