

ECB237 series

1/3" High resolution WDR camera



The Erniec EB237 sets a new standard for high resolution TV Lines. It is designed to show extreme image detail. Images are sharp even in low light conditions. Wide Dynamic Range, Motion Detection and digital day/night modes ensure that you do not miss a thing. This camera is ideal for places where maximum image quality is vital such as banks and stores.

- Lumii III Technology

Our breakthrough Lumii III technology captures more accurate and reliable images for identification. Lumii III helps the camera show exceptionally detailed images at 700 TV lines of resolution. Advanced noise reduction and increased sensitivity in light as low as 0.015 Lux allow for ultra high resolution images without blur.

- Wide Dynamic Range

Wide dynamic range optimizes an image to ensure that dark areas are more visible while retaining detail in bright areas. WDR is ideal for scenes where objects are difficult to recognize due to severe backlight or shadows. Places like bank entrances tend to be under lit or over lit. A typical camera would produce an image where a person in the dark area could hardly be recognized, whereas WDR cameras produce clear details not only of the person in the foreground but also of the background.

- Attention Where It Matters

Intelligent video management software includes motion detection, and event trigger notification. Motion detection sensitivity settings and region specific monitoring ensures only relevant events are monitored. Receive alerts when specific events happen.

- Customizable Privacy Zones

The ECB237 comes with an 8 zone privacy masking function. Each zone has a minimum 8 pixel square sized area. This provides pinpoint accuracy to cover sensitive areas that need to remain unseen.

D1

WDR

25/FPS

24VAC

12VDC

Specification

Image System			
Image Pickup Device	SONY 1/3" Exview HAD CCD II		
Effective Pixels(HxV)	976 (H) x 582 (V)		
Electric			
Scanning System	2:1 Interlace V: 50 Hz , H: 15.625 KHz		
Sync System	Internal / line-lock		
Horizontal Resolution	700 TV lines		
Lens Mount	CS with back focus		
Gamma Correction	0.45		
Minimum Illumination	F1.2 color mode:0.02 lux @ 50 IRE , 0.01 lux @ 30 IRE; B/W mode: 0.01 lux @ 50 IRE, 0.05 lux @ 30 IRE		
S/N Ratio	More than 50dB (AGC off)		
Iris Control	DC & manual lens support		
Gain Control	On / Off (selectable)		
White Balance	ATW/ Manual/ User/ Push/ Push lock		
Electric Shutter	1/50(1/60)-1/10K sec		
Flickerless	On / Off (selectable)		
BLC	Off/ BLC/ HLC(High Light compensation) (selectable)		
Day/Night Mode	Mechanical (ICR) control (Auto/Color/Forced to BW)		
DNR	Yes		
Motion Detection	Yes, 4 areas (max)		
Privacy Mask	Yes, 8 zones (max)		
High Light Compensation	Yes		
ATR*	On / Off (selectable)		
OSD	Yes		
Multi Language	English, Japanese, German, French, Russian, Portuguese, Spanish, Simplified Chinese		
Video Output	1Vpp composite output, 75 ohm		
Power Supply			
Power Requirement	DC 12V & AC 24V ± 10%	DC 12V & AC 24V ± 10%	AC 90V~260V ± 10%
Power Consumption	5W (max.)	5W (max.)	4W (max.)
Environment			
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)		
Operating Humidity	90% MAX		
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140 °F)		
Storage Humidity	70% MAX		
Mechanism			
Dimensions(WxHxD)	63.3mm x 53.5mm x 129mm(2.49" x 2.10" x 5.07")		
Weight	500g approx. (1.1 lbs.)		

