

## ECB 235-D box

1/3" High resolution WDR camera



The Ernitec ECB 235-D 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 and 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.

### New DPS III Technology

Our breakthrough DPS III technology captures more accurate and reliable images for identification. DPS III helps the camera show exceptionally detailed images at 580TV lines of resolution. Advanced noise reduction and increased sensitivity in light as low as 0.0002 Lux allow for ultra high resolution images without blur.

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

### Customizeable Privacy Zones

The ECB 235-D 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.

580 TVL

WDR

D/N

PAL

24VAC

12VDC

# Specification

| <i>Model</i>                   | <i>ECB235-D</i>   |
|--------------------------------|---|
| Camera type                    | WDR, day/ night (ICR AGC Type)                          |
| Signal System                  | PAL   |
| Image Sensor                   | 1/3 inch High Sensitivity CCD                           |
| Lens Mount                     | CS Mount  |
| Day/night switching            | mecanichal IR-cut                                       |
| Video Output                   | 1Vpp, 75Ω, PAL BNC connector class 2                    |
| Min. Illumination              | 0.05 Lux (Color), 0.0002 Lux (DDS on, B/W), F1.2, 30IRE |
| Scanning System                | 2:1 Interlace   |
| Scanning Frequency(H)          | 15.625kHz   |
| Scanning Frequency(V)          | 50Hz  |
| Sync. System                   | Internal  |
| Effective Pixels Number        | 752(H) x 582(V) 440K                                    |
| Horizontal Resolution          | 580 TV Lines (BW 650TV Lines)                           |
| S/N Ratio                      | More than 52dB (AGC Off)                                |
| WDR (Wide Dynamic Range)       | Up to 72dB (Low/Middle/High)                            |
| Digital Noise Reduction (SDNR) | Low, Middle, High, Off                                  |
| Night Burst                    | On/ Off   |
| White Balance                  | ATW, Manual, ANTI-ROL, Push                             |
| AGC/ BLC                       | Off, Low, Middle, High                                  |
| SBLC                           | Off, Low, Middle, High                                  |
| Flickerless                    | On/Off  |
| OSD Menu                       | English, French, Spanish                                |
| Mirror Function                | Horizontal  |
| Privacy Zone                   | On/Off (8 Programmable Zone)                            |
| Motion detection               | On/Off (4 Programmable Zone)                            |
| Electronic Shutter Speed       | 1/50~1/90,000   |
| Control interface              | RS-485 (Pelco-D)  |
| Operating Temperature/Humidity | -10°C ~ +50°C / 30% ~ 80% RH                            |
| Power Voltage                  | 12VDC / 24VAC   |
| Power Consumption              | Max. 2.1W/170mA   |
| Dimensions                     | 64(W) x 57.6(H) x 124.66(D) mm                          |
| Weight (Net)                   | Approx. 335g  |
| Part number                    | 0017-06021  |

