

# High Quality Day/Night Cameras

with Mechanical IR-cut Filter

**ernitec**

## Description

This range of Day/Night cameras includes cost-efficient, as well as highly advanced models. All models are available both in mains supplied as well as low voltage versions.

All models are fitted with a mechanical IR-cut filter ensuring perfect colour reproduction and true low-light performance.

Day/Night cameras should be combined with Infrared corrected Day/Night lenses. The IR-correction will ensure a perfectly focused picture under all lighting conditions, even when changing directly from infrared illumination to daylight.



## ECB262 – general purpose outdoor camera.

- Cost-efficient entry-level Day/Night camera.
- 1/3" Exview CCD-sensor.

## ECB290 – the Bank camera!

- High specification *Wide Dynamic Range* camera.
- 1/3" Vertical Double Density CCD-sensor.
- 520 TVL
- Privacy Zones.
- High Speed Shutter.
- Slow Shutter (frame integration).
- On-Screen Display.
- RS-485 remote control.

## ECB282 – genuine 1/2" Low-Light camera

- 1/2" Exview CCD-sensor.
- Very low light – 0.0012 lux.
- High Speed Shutter.
- On-Screen Display.
- RS-485 remote control.
- Switch remote control

## ECB265 – High-Res outdoor camera

- 1/3" High Resolution Exview CCD-sensor.
- 540 TVL
- Privacy Masks
- On Screen Display & Dynamic Noise Reduction

# Specifications

Type	ECB262-DP-M /-D	ECB290-DP-M /-D	ECB282-DP-M /-D	ECB265-DP-M /-D
Sensor format & mount / CCD type	1/3" CS Exview	1/3" CS / Vertical Double Density Interline	1/2" CS Exview	1/3" CS Exview
Horizontal resolution Colour / Mono	480 / 600 TV Lines	520 / 600 TV Lines	480 / 600 TV Lines	540 / 600 TVL
Effective number of pixels	752 x 582 (440K)			
Minimum illumination, F1.4, AGC ON	Colour: 0.04 lux @ 10 IRE 0.4 lux @ 50 IRE Mono: 0.005 lux @ 10 IRE 0.1 lux @ 50 IRE	Colour: 0.009 lux @ 10 IRE 0.2 lux @ 50 IRE Mono: 0.006 lux @ 10 IRE 0.02 lux @ 50 IRE	Colour: 0.004 lux @ 10 IRE 0.05 lux @ 50 IRE Mono: 0.0012 lux @ 10 IRE 0.0063 lux @ 50 IRE	Colour: 0.04 lux @ 10 IRE 0.55 lux @ 50 IRE Mono: 0.005 lux @ 10 IRE 0.13 lux @ 50 IRE
Iris modes	Auto iris DC / Video (AI), Manual iris (AES)			
S/N Ratio, AGC Off	>50 dB			
Electronic shutter	Auto 1/50- 1/100000 s. / Manual (8 steps)	Auto 1/50- 1/100000 s. / Manual (8 steps) / Slow 0.04 to 6 sec.	Auto 1/50- 1/100000 s. / Manual (8 steps)	Auto 1/50- 1/100000 s. / Manual (9 steps)
AGC	Standard / Wide / OFF			
Video synchronisation	Internal / Line lock (-M type only)			
V-Phase adjustment	Yes	-	Yes	-
BLC – Backlight Compensation	ON/OFF	ON (4 factory modes, 1 User defined mode) / OFF	ON (4 factory modes) / OFF	ON (6 factory modes) / OFF
White Balance	Auto ATW (2 modes)	Auto ATW (2 modes) / Manual	Auto ATW (3 modes) / Manual	Auto ATW (2 modes) / Manual
Gamma correction	0.45	0.45 / 1.0		
<b>Special Functions</b>				
Setup / On Screen Camera ID	Switches / No	OSD / Yes		
Day/Night mode	Auto (2 levels) / Fixed	Auto (2 levels) / Colour / Mono	Auto (2 levels) / Fixed / Remote	Auto (3 levels) / Colour / Mono
Privacy Zones	-	8	-	8
RS-485 Control	-	Pelco P, Ernitec	Pelco P/D, Ernitec	-
Switch control of:	-	-	Day/Night/Auto, Preset shutter	-
Digital Zoom	-	1-2.6x	-	-
Wide Dynamic Range WDR	-	128x	-	-
Dynamic Noise Reduction DNR	-	-	-	Yes
Horizontal Picture Mirror function	-	Yes	-	Yes
<b>Power supply, Environment, Dimensions</b>				
Voltage, Power Consumption	<b>-M:</b> 90-260 VAC, 10 W max.; <b>-D:</b> 12 VDC/24VAC ± 10%, 10 W max			
Temperature; Humidity	-10° to +50° C; max. 90% RH			
Dimensions (WxHxD)	50x62x126 mm	66x55x130 mm		50x62x126 mm
Weight	Approx. 500 g			



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