

ECB 262/ 282/ 290

600TVL cost efficient camera series



This Ernitec ECB 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.

The ECB282's fog penetration technology peers through fog and smoke to recover real color images from foggy or smoky video streams, enhancing the camera's identification ratio by delivering more information-rich imagery.

Users can schedule automatic switches between color and b/w modes. When subjected to transitory external lighting changes, sensor-based switches can inadvertently change modes, causing cameras to capture b/w images in daylight and color images at night. Scheduled switching ensures that the camera remains unaffected by such external factors and continues to capture images in the correct mode.

The digital WDR function adjusts exposure levels in shadowed portions of images to make dark areas more visible while retaining detail in bright areas.

D1

D/N

WDR

25/FPS

24VAC

12VDC

Specification

Type	ECB262-DP-M / -D	ECB290-DP-M / -D	ECB282-DP-M / -D
Sensor format & mount / CCD type	1/3" CS Exview	1/3" CS / Vertical Double Density Interline	1/2" CS Exview
Video output	1 Vpp PAL/CCIR Colour/Monochrome 75 □		
Horizontal resolution Colour / Mono	480 / 600 TV Lines	520 / 600 TV Lines	480 / 600 TV Lines
Effective number of pixels	752 x 582		
Minimum illumination, F1.4, AGC ON	Colour 0.04 lux @ 10 IRE Colour 0.4 lux @ 50 IRE Mono 0.005 lux @ 10 IRE Mono 0.1 lux @ 50 IRE	Colour 0.009 lux @ 10 IRE Colour 0.2 lux @ 50 IRE Mono 0.006 lux @ 10 IRE Mono 0.02 lux @ 50 IRE	Colour 0.004 lux @ 10 IRE Colour 0.05 lux @ 50 IRE Mono 0.0012 lux @ 10 IRE Mono 0.0063 lux @ 50 IRE
Iris Control 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)
Video synchronisation	Internal / Line lock		
V-Phase adjustment	Yes	-	Yes
AGC (2 modes)	Standard / Wide		
BLC – Backlight Compensation	ON/OFF	ON (4 factory modes, 1 User defined mode) / OFF	ON (4 factory modes) / OFF
White Balance	Auto ATW (2 modes)	Auto ATW (2 modes) / Manual	Auto ATW (3 modes) / Manual
Gamma correction	0.45	0.45 / 1	
Special Functions			
On-Screen Display & ID	-	Yes	
Day/Night mode	Auto (2 levels) / Fixed	Auto (2 levels) / Colour / Monochrome	Auto (2 levels) / Fixed / Remote (switch)
Privacy Zones	-	8	-
RS-485 Control	-	Pelco P	Pelco P/D
Switch control of:	-	-	Day/Night/Auto, Preset shutter setting
Digital Zoom	-	1-2.6x	-
Wide Dynamic Range WDR	-	128x	-
Horizontal Picture Mirror function	-	Yes	-
Power supply			
Voltage	-M: 90-260 VAC, 50/60 HZ -D: 12 VDC (10.8-13.2 VDC) / 24 VAC (21.6-26.4 VAC), 50/60 Hz		
Power consumption	10 W		
Physical Characteristics			
Size (WxHxD)	50 x 62 x 126 mm	66 x 55 x 130 mm	
Weight	Approx. 500 g		
Operating Temperature	-10 to +50° C		
Humidity			

