

1/3" CMOS Colour/B&W Camera, 480L,
12VDC



FEATURES

- WDR function, Day/Night function with removable IR cut filter
- External Input for Day/Night mode
- 1/3" Digital Pixel System 410.000 pixels
- 480 TVL Horizontal Resolution
- Back light compensation circuitry
- On- screen- menus (Multi-Language)
- Accepts 2 types of auto iris lenses (DC/Video)
- Accepts CS/C-mount without adaptor
- Power Input AC24V/DC12V

SUMMARY

The AST2435 day/night camera incorporates the 1/3" 410,000 pixels CMOS Digital Pixel System and as such can operate 24 hours a day by automatically switching to color mode during the day and black and white (B/W) mode at night with moving filter technology.

It employs the CMOS image sensor and utilizes a superior Digital Signal Process to supply sharp images of high resolution. Under illumination higher than a certain level, it provides outstanding color images in color mode and clear images in B/W mode under low level illumination. The camera utilizes the low light function that incorporates low-speed shutter, so that along with the Day/Night function, it can represent clear images even under diffused conditions. Through the WDR (Wide Dynamic Range) function the camera provides excellent images even under backlight conditions.

By adopting the ELC function, it can use the manual Iris lens economically. Without ELC function, it can use the automatic lens of DC type or video selectively.

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SPECIFICATIONS

Image Sensor	1/3" CMOS Digital Pixel System
Scanning System	PAL
Pixels - Effective	720 x 540
Resolution	480 (H) lines
S/N Ratio	48 dB
Sensitivity	0.5 lux
BLC	On/Off/Area/Level/WDR
AGC	Off, Low, High
ELC	On/Off
Line Lock	On/ Off
Sens Up	Off ~ x128
Gamma correction	0.25 ~ 1, adjustable
Day/Night	Auto, Manual, Ext, level, Filter on, Filter off
White Balance	ATW, AWC
OSD	Yes
Camera ID	Off / On, 8 character
Lens Mount	C/CS mount
Lens Drive Type	Auto iris, DC, VS
Video Output(s)	1 CVBS, 1Vpp, BNC
Case colour	Silver
Operating Temperature	-10°C ~ +50°C
Humidity	less than 90%
LED Indicator	Yes
Supply Voltage	12 VDC / 24 VAC
Power Consumption	4.5 W
Weight	0.5 kg
Dimensions w*h*d	62 x 60 x 121 mm

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DIMENSIONS

