ASTRAL ELECTRONICS

New Rear Vision Color Camera

FEATURES

ANX-01

- 1/4" Sony Super HAD CCD
- Waterproof (Certify IP 67)
- World best Wide View 154° (f=1.9mm)
- World smallest size, (∅18.6mm X 22.4mm)
- Reverse Image
- (H)510 X (V)492 (NTSC), (H)500 X (V)582 (PAL)
- Over 380TV Lines (NTSC) 420TV Lines(PAL)
- 0.5 Lux at F 1.2 AGC On
- Automatic gain control
- Auto white balance control
- Electronic auto iris
- DC 12V ±30% (DC 8V-16V), 110mA MAX
- CE, FCC Class A Certified

For cars, trucks, vans and other vehicles

AV Monitor

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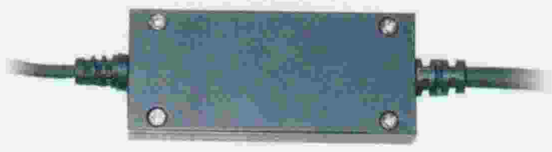
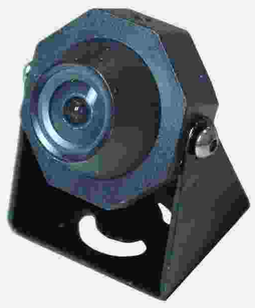
New Rear Vision Color Camera

CAMERA SET

The camera set, it comes with Camera head, Main box, RCA video output socket(yellow), and power input socket(red)

DC 12V	POWER DC power input(Regulated DC 12V)
GND	Ground Power and video signal in common
Video out	Video signal output

SPECIFICATIONS

Description	Specification
Image Orientation	Reverse Image
Image sensor	1/4 Inch SONY SUPER HAD CCD, 270K pixel
Effective pixel	(H)510 x (V)492(NTSC), (H)500 x (V)582(PAL)
Scanning system	2:1 Interlacing / 525 lines (NTSC), 625 Lines(PAL)
Sync. System	Internal synchronization
Scanning frequency	(H)15.734KHz * (V)59.94Hz
Sub carrier	3.58 MHz(NTSC), 4.43MHz(PAL)
Horizontal Resolution	More than 380TV Lines(NTSC), 420TV Lines(PAL)
Video output	VBS 1.0Vp-p±10% / 75 Ω(Video : 0.714Vp-p, Syn : 0.286Vp-p)
S/N ratio	48dB Min(AGC off, Y signal)
Gamma(r)	r=0.45
AGC	+18dB Max
Standard Lux	1,000 Lux at F 4.0(3,200'K)
Min. Illumination	0.5 Lux at F 1.2 AGC On
Lens	f=1.9mm / View 154° (D) / F= 2.5
Gain control	Automatic gain control(0~18db)
White balance	Automatic white balance control
Shutter Speed	Electronic auto iris(Shutter Speed: 1/50~ 1/100,000 : PAL, 1/60~1/100.000 : NTSC)
Input voltage	DC 12V ± 30%(DC 8V?16V), 110mA MAX
Ambient Temperature	-20℃ ~ 60℃, 85%RH
Dimension	Diameter : 18.6mm, Length : 22.4mm
Housing Material	Zinc & EGI
IP Resistance	Certify IP 67
MIRROR	ON
BLC	YES
Surge Countermeasure	CE, FCC Class "A" Certified.

Note: Some vehicles have very high momentary voltage which may cause overload and damage to the camera during start up. To avoid such situation, we recommend you to seek professional vehicle audio/video equipment engineers for stable installation.

ASTRAL ELECTRONICS

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