



Product Specification

Model No. CO2—210° Color Camera (4P)

The high-performance **SmarTruck HD Model CO2** compact high-performance camera is equipped with audio and a high-resolution CMOS imaging sensor that delivers a 800 TV lines resolution and an ultra-wide 210° diagonal field-of-view. Six extra-bright IR LED's extend visibility in those "0" Lux video applications. This camera is weatherproof with an IP69K rating and is designed to be reliable in those rugged applications with a stainless bracket and sunshield and is certified to 30G shock and vibration.



Model No. CO2

PRODUCT SPECIFICATION

MODEL NUMBER	CO2
TECHNICAL	
IR Night Vision	6 pcs extra bright LED's
Operating Voltage Range	DC12~24VDC
Current Consumption	120mA @12V (LED's On)
Power Consumption	Max. 1.5W@12V
Imaging Device	1/3.2" SONY CMOS
Resolution	1280 x 960 (1.23M pixels)
Visual Resolution	800 TV Lines
Lens Focal Length	1.2mm/F=2.4
FOV (Field of View)	210°
View Angle	180° (Height) x 210° (Diagonal) x 125° (Vertical)
Lens Coating	Anti-Glare Glass Coating
Signal to Noise Ratio	min 48dB (AGC off)
Video Output	75 Ohm; 1V (P-P)
Audio	High Sensitive C-mic
Required Illumination	0.01 Lux
Image Orientation	Mirror Image
Weight	140.5g/4.96oz
Interface Connector	Threaded 4PinMiniDIN (Male)
Length of Interface Cable	39 inches
Overall Dimensions	41.x 29 x 45.5(mm)/ 1.61" x 1.14" x 1.79" (Without Sunshield & Bracket)
Housing Material	Aluminum
Finish	Black Anodized
ENVIRONMENTAL	
Shock Rating	30 G
Vibration Rating	30G @ 50Hz
Connector IP Rating	IP 68
Camera IP Rating	IP69K
Operating Temperature	-30°C ~ 60°C/ - 22°F ~ 140°F
STANDARDS	
	RoHS, EMC, E-MARK, FCC

Features

- 1/3.2" SONY Color CMOS high resolution sensor
- High Resolution Support (1280 x 960 pixels)
- Excellent Night View (0.0 Lux) with LED
- Aluminum die-cast & stainless Deco Housing
- Utilizing a small housing to be installed anywhere on a vehicle
- IP69K to stand up in the harsh environment and vibration
- Super Wide field-of-view with 210° (D)
- A built-in microphone on the back to minimize wind noise
- Easy switching NORMAL to MIRROR view
- Wide range of Supply Voltage from 12V to 24VDC

Parts Included:

- | | |
|---------------------------------|----------------------------------|
| 1 - Camera | 2 x Self Drilling Screw (5 x 16) |
| 1 - Sunvisor | 3 x Self Drilling Screw (5 x 15) |
| 1 - Mounting Bracket | 3 x Hex Nut (M5) |
| 4 - Hex Socket Screw (M2 5 x 6) | |
| 1 - Hex Head Wrench | |

Product Specifications Subject to Change on 60 Day Notice.