



**Product Specification** - The high-performance **SmarTruck HD** Part No CA058 HD - shuttered camera has a high-resolution 1/3" CMOS imaging sensor that delivers a 600 TV lines resolution and an ultra-wide 150° diagonal field-of-view. This camera is heated and designed with a shutter that covers the camera porthole glass when the camera is not being viewed. This camera's unique feature is that the shutter mechanism operates independent of monitor and is activated by a separate back-up light 12VDC circuit for those applications where the camera lens glass may become etched or damaged by liquid splatter and caustic materials. An easily replaceable lens porthole glass (CA029) may be replaced by removing a retainer ring with 4 screws. It is also weatherproof with an IP69K rating and is designed to be reliable in all camera applications with a heavy-duty die-cast housing. Stainless steel bracket and sunshield included.



Camera with Shutter Open



Shutter Camera with 12VDC Power Harness that activates shutter mechanism

### Camera Features

- 150° Shuttered Color Camera w/ heater
- High Performance Digital Image Sensor
- IP69K Waterproof
- Vibration certified (ISO 16750-34. 1.3.2.3.)
- Lower Power Consumption
- IR LED illumination distance up to 10 meters
- Low light performance to 0.1 LUX.
- 0 LUX Performance with IR activated
- Unique shutter mechanism operates independent of monitor and is activated by back-up light 12VDC circuit

*Product specifications subject to change on 60-day notice.*

Camera Specs	
Part Number	CA058
Image Device	1/3" SHARP
CCD TV System	PAL NTSC
Effective Pixels	976*582pixels / 976*494 pixels
Sensing Area	4.9 mm (H) x 3.7 mm (V)
Scanning System	2:1 Interlace
Sync. System	Internal
Resolution	600 TV Lines
Horiz. Sync. Freq.	15.63 kHz / 15.73 kHz
Vert. Sync. Freq.	50 Hz / 60 Hz
Min. Illumination	0.1 Lux (day), 0 Lux (with IR)
Microphone	Yes
Video Output	1.0Vp-p, 75Ohm
Gamma Consumption	0.45 AGC: Auto
S/N Ratio	Better than 48 dB
White Balance	Auto
Electronic Shutter	1/60 (NTSC) / 1/50 (PAL) ~ 1/100,000 Seconds
BLC	Auto
Current Consumption	Day: 12V / 88mA; Night: 12V / 128mA; Max.: 535mA
Power Supply	DC 12 V Connection: 6P
Automatic Heating	Optional (starts when temperature gets lower than 1°C) (34°F)
Anti-vibration	5 g
Operating Temp.	-20°C~70°C, RH 95% MAX.
Storage Temp.	-40°C~80°C, RH 95% MAX.
Lens:	f = 3.6 mm / 2.8 mm / 1.7N mm F = 2.0 Lens Angle: 150° Diagonal