



SMARTRUCK

smart...for a reason

P/N: C3Z156HD

**150° Shuttered Color Camera
w/Heater**

Product Specification - The high-performance **SmarTruck HD** Part No C3Z156HD - 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



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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

Camera SKC150S / CW134635MCAI / CA058 / Super-
seded by C3Z156HD

Product specifications subject to change on 60-day notice.

Camera Specs	
Part Number:	C3Z156HD
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
Horizontal Sync. Frequency:	15.63 kHz / 15.73 kHz
Vertical Sync. Frequency:	50 Hz / 60 Hz
Minimum 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 Temperature:	-20°C~70°C, RH 95% MAX.
Storage Temperature:	-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