

Voyager®

Cameras

Side Vision and Rear Vision Cameras

Rear Color CCD Cameras

- Waterproof (IPX7)
- 12 Volt DC
- Viewing Angle: 150°
- IR LED low light enhancement
- Built-in microphone
- Normal/Mirror image switch
- Electronic Iris
- Dimensions: 2.7"W x 1.7"H x .5"D
- Available housing colors:
VCCS150 – White Housing
VCCS150B – Black Housing



Rear B&W CCD Cameras

- Waterproof
- 12 Volt DC
- Viewing Angle: 150°
- IR LED low light enhancement
- Built-in microphone
- Normal/Mirror image switch
- Electronic Iris
- Dimensions: 2.7"W x 1.62"H x .25"D
- VBCS150 – White Housing
VBCS150B – Black Housing



Rear Color Tilt Camera

- Waterproof
- 12 Volt DC
- Viewing Angle: 92°
- LED low light performance
- Built-in microphone
- PAL/NTSC compatible
- 2-positions, moves 45° up or down
- Audio muted when tilting
- Rugged waterproof die cast aluminum housing
- Overall Dimensions: 4-1/4" W x 3" H x 3-1/4" D
- VCCT130



Rear Color CMOS Camera

- Waterproof (IPX7)
- 12 Volt DC
- Viewing Angle: 128°
- IR LED low light enhancement
- Built-in microphone
- Mirror (Reversed) image orientation
- Impact resistant housing
- NTSC video output signal
- Electronic Iris
- Dimensions with Bracket: 1.44"W x 1.36"H x 1.41"D
- VCMS36i



Super CMOS Color Cylinder Camera

- Waterproof (IPX7)
- 12 Volt DC
- Viewing Angle: 118°
- IR LED low light enhancement
- Mirror (reversed) image orientation
- NTSC video output signal
- Electronic Iris
- Machined aluminium body
- Impact resistant plastic housing
- Dimensions: 1.22"W x 1.22"H x 1.5"D
- VCMSYL36i



Side Body Color CMOS Cameras

- Waterproof (IPX7)
- 12 Volt DC
- Viewing Angle: 118°
- IR LED low light enhancement
- NTSC video output signal format
- Mirror (reversed) image orientation
- Machined aluminium body
- Impact resistant plastic housing
- Dimensions: 1.65" W x 1.83" H x 3.32" D



Side Body B&W CCD Cameras

- Waterproof
- 12 Volt DC
- Viewing Angle: 110°
- IR LED low light enhancement
- PAL/NTSC compatible
- Machined aluminium body
- Impact resistant plastic housing
- Dimensions: 2" W x 2.19" H x 4.5" D

LEFT SIDE	RIGHT SIDE	HOUSING COLOR
VBCSIDLWT	VBCSIDRWT	White
VBCSIDLCM	VCMS36RCM	Chrome
VBCSIDLGP	VBCSIDRGP	Gray Paintable

LEFT SIDE	RIGHT SIDE	TOP MOUNT	HOUSING COLOR
VCMS36LGP	VCMS36RGP	VCMS36TGP	Gray Paintable
VCMS36LCM	VCMS36RCM	VCMS36TCM	Chrome



Top Mount
(CMOS and CCD Models Available)

OBSERVATION
SYSTEMS



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EXPAND your vision

VCCS150 & VCCS150B – Rear Color CCD Cameras

Power System	12VDC	
Operating Voltage Range	10V – 18VDC	
Power Consumption	200 mA (LED On)	
Operating Temperature Range	-20°C to +65°C	-4°F to 149°F
Storage Temperature Range	-30°C to +70°C	-22°F to 158°F
Operating Relative Humidity	100% RH	
Waterproof Rating	IPX7	
Overall Dimensions (without bracket)	2.7" x 1.7" x 2.5"	
Product Weight (unpacked)	8.8 oz	

Optical Specifications

Video Output Signal Format	NTSC/PAL	
Video Signal Output Level	1Vp-p 75Ω	
Audio Output	200mV	
CCD Specifications	Sensor	1/3" CCD
	Iris/Shutter Type	ELECTRONIC
	Shutter speed	1/60 – 1/100,00 Sec
	Resolution	330 TV Lines
	Sensitivity	0 Lux (with IR LED ON)
	Image Orientation	MIRROR
	View Angles	D
	H	120°
	V	90°

VCMS36L/R/T – Side Body Color CMOS Cameras

Power System	12VDC	
Operating Voltage Range	9.5V – 14VDC	
Power Consumption	1.8 Watt with LED's ON	
Storage Temperature Range	-4°F to 149°F	-20°C to 65°C
Operating Temperature Range	-40°F to 185°F	-40°C to 85°C
Operating Relative Humidity	100% RH	
Waterproof Rating	IPx7	
Overall Dimensions	1.65"W x 1.83"H x 3.32"D	
Product Weight (unpacked)	2.29 oz	

Optical Specifications

Video Output Signal Format	NTSC	
Video Signal Output Level	1.0V p-p ; 75Ω	
Audio Output	N/A	
CMOS Specifications	Sensor	1/4" CMOS
	Iris/Shutter Type	Electronic Automatic
	Shutter speed	1/30 ~ 1/62500 sec
	Resolution	400 Lines
	Sensitivity	0 Lux
	Image Orientation	Mirror (Reversed)
	View Angles	D
	H	101°
	V	77°

VBCS150/B – Rear B&W CCD Camera

Power System	12VDC	
Operating Voltage Range	9.5V – 14VDC	
Operating Temperature Range	-40°C to +40°C	-85°F to 185°F
Storage Temperature Range	-40°C to +40°C	-80°F to 176°F
Operating Relative Humidity	100% RH	
Overall Dimensions (w/o bracket)	2.7"W x 1.62"H x .25"D	
Video Output Signal Format	NTSC	
Video Signal Output Level	1Vp-p	
Audio Output	150mV	
Sensor	1/3" CCD	
Iris/Shutter Type	Electronic	
Resolution	320K	
Sensitivity	0.05 Lux (with IR LED ON)	
Image Orientation	Normal/Mirror Selectable (Mirror Default)	
View Angles	D: 150 degrees	
	H: 120 degrees	
	V: 90 degrees	

VCMSYL36i – Super CMOS Color Cylinder Camera

Power System	12VDC	
Operating Voltage Range	9.5V – 14VDC	
Power Consumption	1.8 Watt with LED's ON	
Storage Temperature Range	-4°F to 149°F	-20°C to 65°C
Operating Temperature Range	-40°F to 185°F	-40°C to 85°C
Operating Relative Humidity	100% RH	
Waterproof Rating	IPx7	
Overall Dimensions	1.25" dia. x 1.5"D	
Product Weight (unpacked)	2.29 oz	

Optical Specifications

Video Output Signal Format	NTSC	
Video Signal Output Level	1.0V p-p ; 75Ω	
Audio Output	N/A	
CMOS Specifications	Sensor	1/4" CMOS
	Iris/Shutter Type	Electronic Automatic
	Shutter speed	1/30 ~ 1/62500 sec
	Resolution	400 Lines
	Sensitivity	0 Lux
	Image Orientation	Mirror (Reversed)
	View Angles	D
	H	101°
	V	77°

VCMS36i – Rear Color CMOS Camera

Power System	12VDC	
Operating Voltage Range	9V – 16VDC	
Power Consumption	1W with LED ON	
Operating Temperature Range	-4°F to 149°F	-20°C to 65°C
Storage Temperature Range	-22°F to 158°F	-30°C to 70°C
Operating Relative Humidity	100% RH	
Waterproof Rating	IPX7	
Overall Dimensions (without bracket)	0.91"x 0.91"x 0.87"	
Product Weight (unpacked)	4 oz	

Optical Specifications

Video Output Signal Format	NTSC	
Video Signal Output Level	1.0V p-p ; 75Ω	
Audio Output	200 mV	
CMOS Specifications	Sensor	1/4" CMOS
	Iris/Shutter Type	Electronic Automatic
	Shutter speed	1/30 ~ 1/62500 sec
	Resolution	400 TV Lines
	Sensitivity	0 Lux (with IR LED ON)
	Image Orientation	Mirror (Reversed)
	View Angles	D
	H	93°
	V	70°

VCCT130 – Rear Color Tilt Camera

Power System	12VDC	
Operating Voltage Range	Supplied by Monitor	
Power Consumption	200 mA (LED On)	
Operating Temperature Range	-4°F to 149°F	-20°C to 65°C
Storage Temperature Range	-22°F to 158°F	-30°C to 70°C
Operating Relative Humidity	100% RH	
Overall Dimensions	3.5"W x 2"H x 3.36"D	
Product Weight (unpacked)	0.7 lbs	
Video Output Signal Format	NTSC	
Sensor	1/3" CCD	
Resolution	270K pixels	
Sensitivity	0.1 Lux	
Image Orientation	Mirror	
View Angles	H: 104 degrees	
	V: 78 degrees	