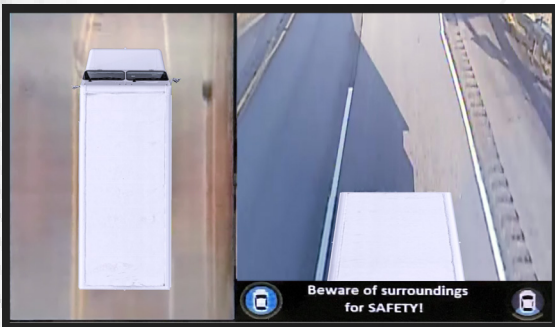


Voyager[®]

Auto-Calibrating 360 Camera System

VAVS360A1



System Camera Views on Monitor

KEY FEATURES

- Auto-calibrates images from four cameras to create a 360° view
- Left/Right/Rear trigger function to switch between viewing angles
- 1/3" camera sensors
- Waterproof, plastic camera housing with stainless steel mounting bracket and aluminum, powder-coated camera cover
- Software and vehicle image updates via USB
- Supports four vehicle types:
 - Walk-in vans - 354"L x 118"W
 - Buses - 551"L x 118"W
 - Heavy-duty vehicles - 236"L x 354"W
 - Tractor trailers - 630"L x 118"W

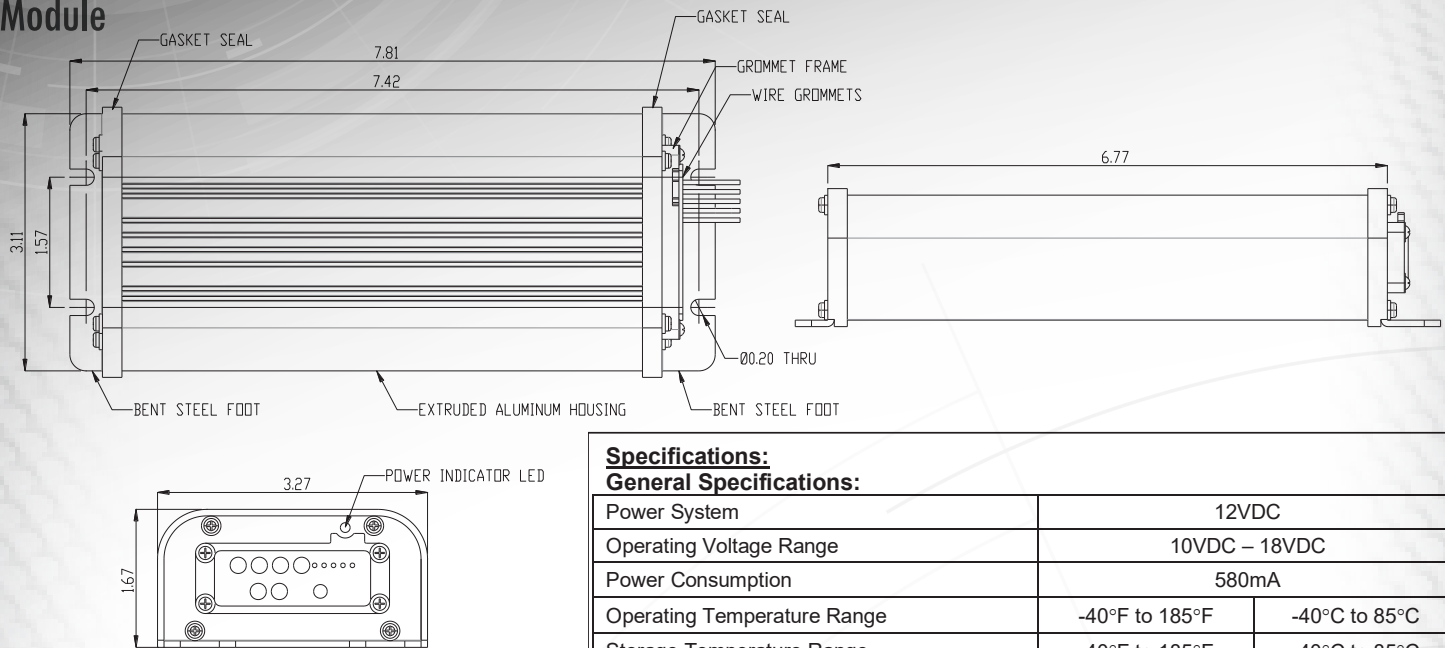
asa
ELECTRONICS[®]
2602 Marina Drive • Elkhart, IN 46514
www.asaelectronics.com

Voyager®

Auto-Calibrating 360 Camera System

VAVS360A1

Module

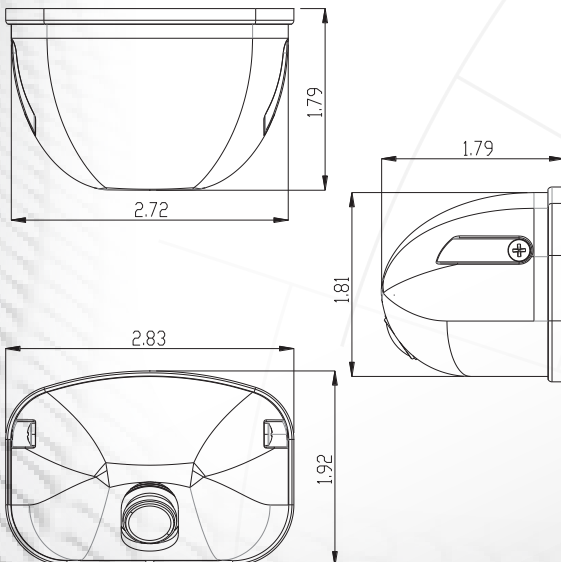


Specifications:

General Specifications:

Power System	12VDC	
Operating Voltage Range	10VDC – 18VDC	
Power Consumption	580mA	
Operating Temperature Range	-40°F to 185°F	-40°C to 85°C
Storage Temperature Range	-40°F to 185°F	-40°C to 85°C
Video Input	4 Camera x AHD 720P	
Output Signal	CVBS/NTSC(640 * 480 Pixel)	
Overall Dimensions (without bracket)	7.81" x 3.11" x 1.67"	198.4 x 79 x 42mm
Product Weight (unpacked)	19.42oz	550.66 g

Camera



Specifications:

General Specifications:

Power System	12VDC	
Power Consumption	71mA	
Operating Temperature Range	-40°F to 185°F	-40°C to 85°C
Storage Temperature Range	-40°F to 185°F	-40°C to 85°C
Operating Relative Humidity	100% RH	
Waterproof Rating	IP67	
Overall Dimensions (with bracket)	2.72" x 1.81" x 1.79"	69.1 x 46.0 x 45.6 mm
Product Weight (with bracket & housing)	5.6oz	158.76g

Optical Specifications

Video Output Signal Format		AHD_720P_NTSC/PAL	
Video Signal Output Level		1.0V p-p ; 75Ω	
CMOS Specifications	Sensor	1/3" Sony_3.75um	
	Resolution	1.2 MP (1280 x 960)	
	Sensitivity	≤1.0 Lux	
	Image Orientation	Normal	
	View Angles	H	190°
		V	140°