



# VR-806 series

- Continuous Variable Angle Technology (CVA Tech)
- Motorized Variable Field of View 10° ~ 40°
- Adjustable Beam Angle up to 350 Meters
- High Intensity and Uniformity
- Weather-proof IP68- and Vandal-proof IK10-rated Housing

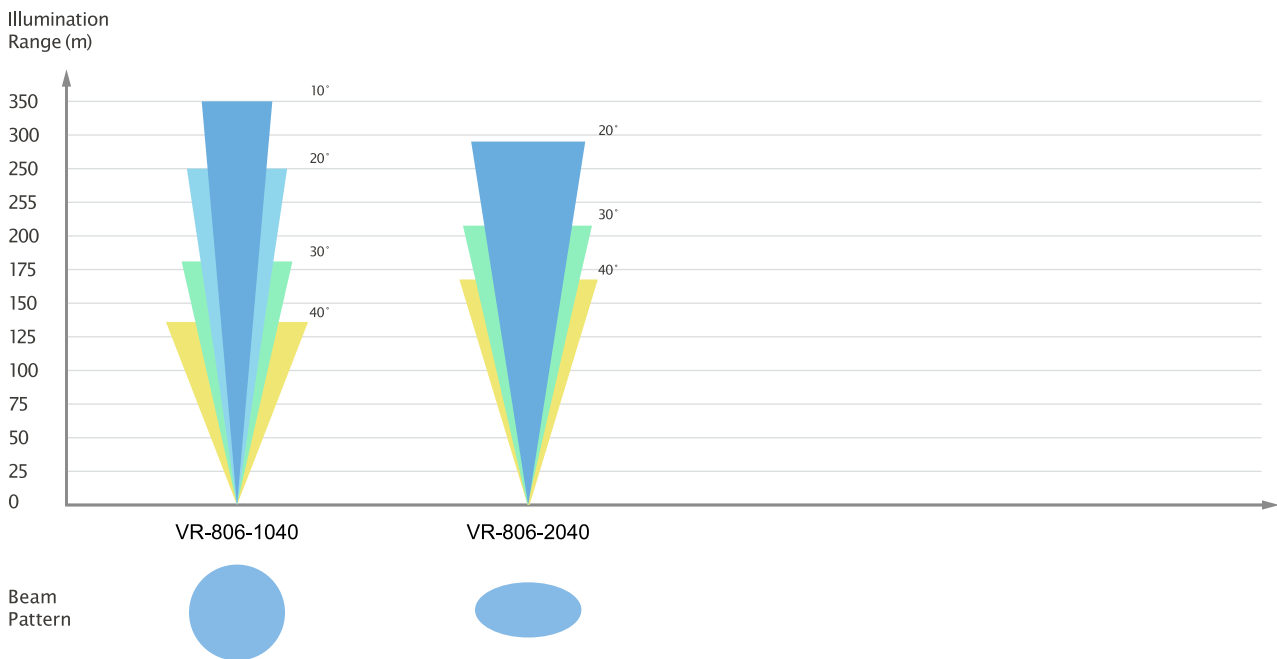
VR-806 is a series of professional illuminators designed with AETEK'S Continuous Variable Angle Technology (CVA Tech), providing highly efficient intensity and uniform distribution to fit 10° ~ 40° FOV via motorized adjustable beam angles up to 350 meters. The series offers multiple options for outdoor and long-distance in many applications such as traffic LPR/ANPR, perimeter protection, industrial and many more.

AETEK'S CVA Tech is an optical technology solution for surveillance cameras, which optics design is founded on a principle of high energy efficiency. By adopting fewer illuminators, CVA tech can realize impressive gains in both brightness and energy saving, will result in an overall reduction in total system cost.

### Benefit and feature

- Great image quality with high intensity and uniformity
- Improve Video Content Analysis, reduce false alarm
- Flexible for different scenario
- Easy installation by AETEK Alignment Kit and motorized control
- Cost-effective by CVA Tech with high energy utilize
- Incredible reliability in extreme weather

## Illumination Map



## Technical Specifications

Model	VR-806-1040	VR-806-2040
<b>Product Information</b>		
Beam Angle(Horizontal)	0° ~ 40°	20° ~ 40°
Distance	140 ~ 350 m (459 ~ 1148 ft)	170 ~ 280 m (557 ~ 918 ft)
Beam Pattern	Circular	Elliptical
LED Array	24 pcs LED	
Wavelength	850nm	
External Input	IR ON/OFF control	
External Output	Day/Night switching	
Automatic IR On/Off	Controlled by Light Sensor	
Light Sensor Sensitivity	1/5/10/30(default)/50/100% (Max. 1000 Lux)(accessed via CaMate remote/RS-485 control)	
Adjustable IR Power	20% ~ 100 % (accessed via CaMate remote/RS-485 control)	
<b>General</b>		
Power Input	24 VDC ±10%, 24 VAC(50/60Hz) ±10%	
Power Consumption	Max. 90W	
Operating Temperature	-40 °C ~ +50 °C (-104 °F ~ +122 °F)	
Working Temperature	-50 °C ~ +50 °C (-122 °F ~ +122 °F)	
Dimensions (L x W x H)	220 x 160 x 73 mm (8.6 x 6.3 x 2.9 inch)	
Weight	2.1 kg	
Cable Length	0.75 m (2.46 ft) UL AWM	
Casing	IP68, IK10	
Safety Certifications	EN50130-4, CE: EN61000-6-3, FCC Class , EN60529	
Humidity	90%	
<b>Included Accessories</b>		
Bracketry	U-Type Bracket (134 x 34 x 81.5 mm)	
Cable Gland	Thread Cable Gland Body for 3/8" Conduits	
<b>Dimensions</b>		

