



Large Optical Survey Monitoring Prism

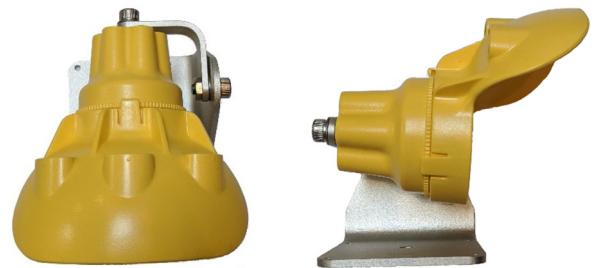
SV-PR-LG-REF

The Large Optical Survey Prism is mounted in a hermetically sealed metal canister. The mounting assembly has two joints to allow for ease in mounting. The prism offset is -40mm when mounted in the position shown below. The prism is ground to 2 arc seconds which affords you to obtain maximum distance 3,500m (11,400ft) under normal conditions. The prism housing is constructed of molded impact resistant plastic.



FEATURES

- Made from light-weight, strong aluminum plate, K9 glass, and plastic
- Includes rain and solar hood
- Maximum range of 3500 meters (11,400 ft)
- Full size prism allows for maximum total station range



TECHNICAL SPECIFICATIONS

62mm Prism glass:	Ø62.2±0.1 H47±0.2	Measuring Range:	1800m – 3500m, minimum range: 1.5m
Angle accuracy:	54°44'±20'	Wavelength:	635nm + 5nm, 5mw
Material:	Silver coated prism in yellow water seal canister	Adapter Tread:	5/8-11
Rain Hood:	Included	Outer Dimensions:	160mm x 115mm x 110mm
Prism Accuracy:	2 second	Net Weight:	660 g
Prism Glass Material:	K9	Gross Weight:	740 g
Prism Off Set:	-40mm		