

Welcome



Welcome

Thank you for purchasing the *Autoscope® Duo™* Detection System. This traffic detector will provide many years of reliable service for your comprehensive ITS detection needs. This QuickStart Guide summarizes the hardware and installation for *Duo* components.

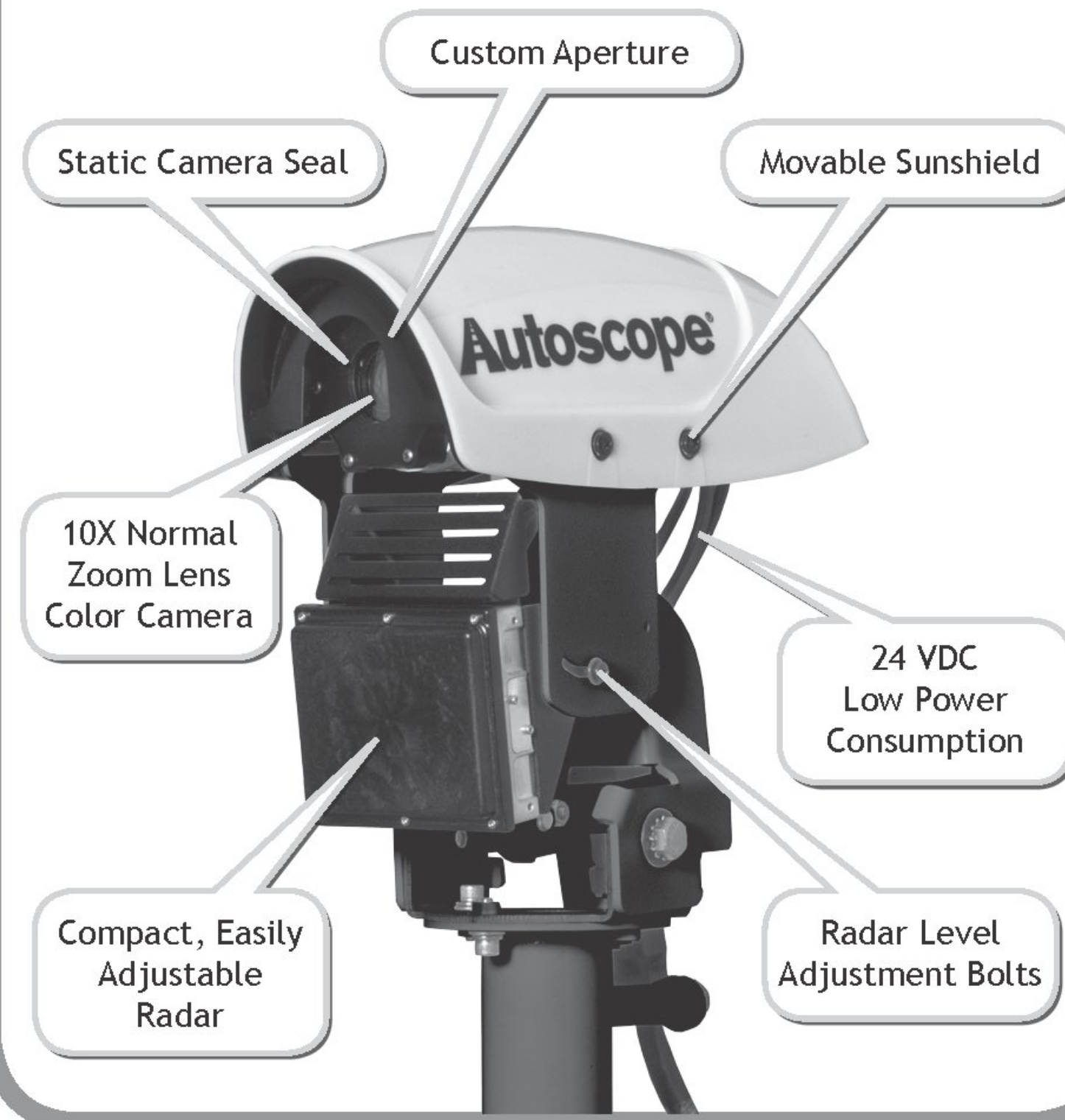
General Description

The *Autoscope Duo* Sensor combines microwave radar with a normal zoom lens camera to form a new class of hybrid sensor for non-intrusive intersection detection applications. A *Duo* Interface Panel (ADUOIP) provides power, video, and radar interconnect for up to four *Duo* Sensors and *Duo* Detection Modules (ADDM).

The ADUOIP operates on 110/220VAC, 50/60Hz power from the protected power side of the traffic cabinet. This ADUOIP has four terminal blocks for four *Duo* Sensors. One ADDM for each *Duo* Sensor provides interface to the traffic controller or may be configured as a Detector Port Master for simpler wiring.

About the Sensor

EAST COAST SIGNALS APPROVED FOR SUBMITTAL 12-14-16 MSF



Installation Overview

1. Mount bracket on mast arm with stainless steel banding
2. Mount *Duo* Sensor (see reverse for more information)
3. Pull cable from sensor to traffic cabinet
4. Wire cabinet (ADUOIP and ADDM, see Figure 1)
5. Place traffic safety cones (for aiming camera - see AN2104)
6. Level *Duo* Sensor with digital level
7. Aim sensor (zoom, sunshield, barrel rotation, swing, tilt) using Configuration Wizard as guide

Intersection Architecture

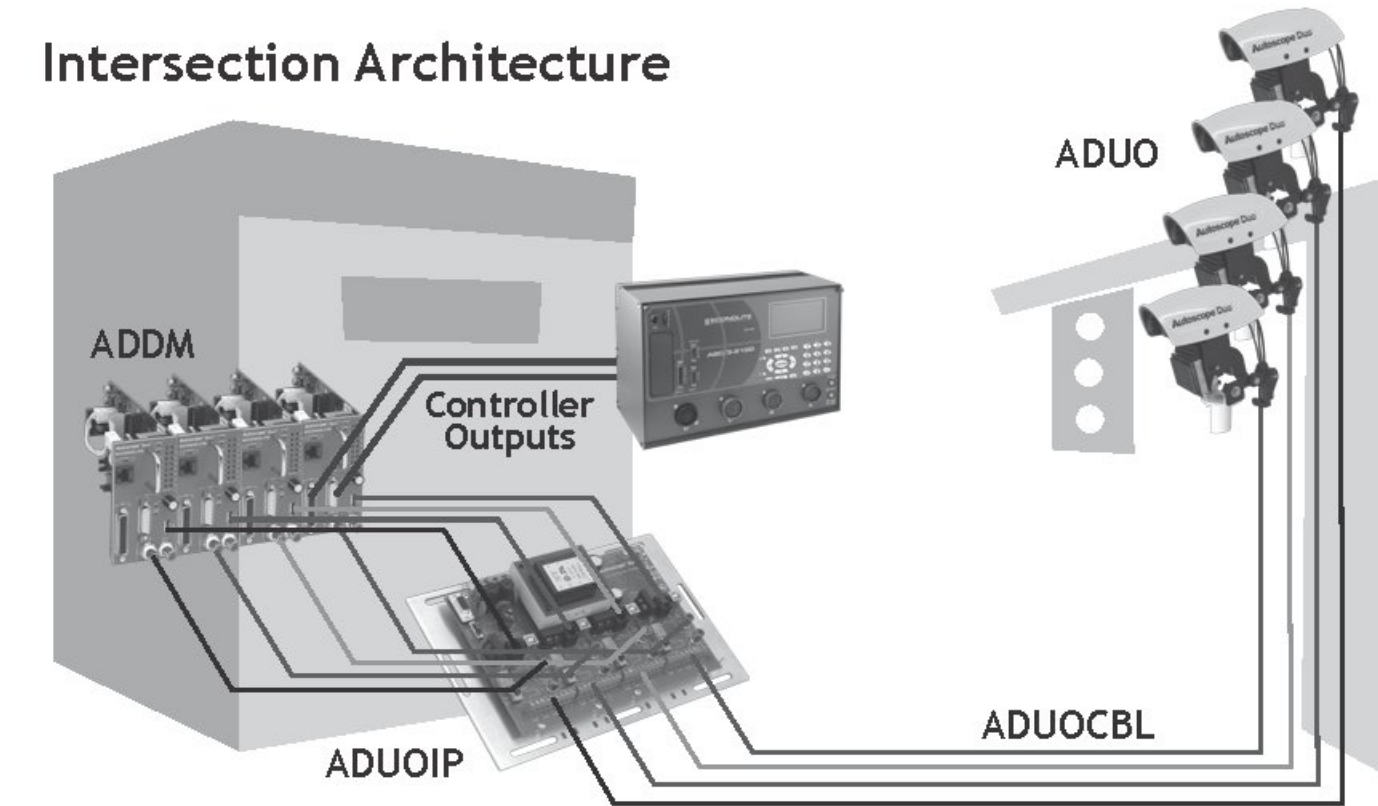


Figure 1

QuickStart



Autoscope® Duo™

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www.econolite.com

Anaheim, CA 92806 USA

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Duo & Accessories*

Product	Model Number	Description
	A700-1082-#	Autoscope Duo Sensor
	AMBKTM##	Mounting Bracket (different styles)
	ADUOIP#	Interface Panel w/Coax & USB Jumpers
	ADUOCBL###	Duo Sensor Drop Cable
	214-1003-00#	Branch Cabling
	A700-1080	Duo Detection Module
	---	Controller/Cabinet Interfaces

*Parts may be sold separately