

PROJECT # 12117067

PO# 6195

CONTROLLER
DATASHEET



An unmatched combination of ATC controller open architecture functionality with the latest handheld technology & applications

About Cobalt

The traffic signal controller represents one of the most important intelligent technology and communication components of a signalized intersection. Today's advanced traffic signal controller must integrate leading edge electronics, while supporting industry standards and specifications. Econolite continues its tradition of offering the most advanced and innovative technologies with the Cobalt family of Advanced Transportation Controllers (ATC). Fully meeting the industry's ATC standard 5.2b and proposed standard 6.10, Cobalt is designed to provide an unmatched combination of ATC controller open architecture functionality with the latest handheld technology and applications.

In addition, Cobalt comes Connected Vehicle (CV) ready. Combined with the Econolite Connected Vehicle CoProcessor, Cobalt supports dedicated short-range communications (DSRC) protocol, providing the essential Vehicle-to-Infrastructure (V2I) interface between the controller and DSRC-based roadside equipment (RSE). Cobalt can facilitate the continuous collection, aggregation, and use of real-time traffic data that is requisite for the CV and Smart Cities environment. Cobalt opens the door to new levels of smart intersection and traffic control, and positions a transportation agency or metropolitan planning organization with the fundamental V2I capabilities in support of the Connected Vehicle future.

At A Glance

- Connected Vehicle (CV) ready
- Revolutionary, large seven-inch color TFT LCD display
- Touch-screen display for intuitive, graphical programming
- High brightness and contrast display for better outdoor readability than any other controller on the market
- Linux, open architecture real-time multi-tasking operating system
- Alternative Web browser-based user interface allows remote programming and status observation (with appropriate network connection)

ECONOLITE