

Evo[®] ACM Specification



Evo ACM signals can be paired with a headless Evo ACM PT9 or Evo ACM UTC master controller to enable up to 9 traffic phases and 8 pedestrian crossings.

Specification	
Base Unit	Micro or RadioMaster (PT9 and UTC only)
Function	T2, T5, PT5, PT9 and UTC Controller Options
Battery Power Technology	2 off Deep Cycle VRLA batteries (12V 105Ah)
Battery Charger (not as standard)	15A in-built charger 110V supply (Option)
System Operation Time	Up to 7 days
System Phases	Up to 9 traffic phases (18 heads) & 8 ped crossings in one Phase (16 heads)
Vehicular Signal Aspects	3 Aspect, low power LED, RAG + Integrated Radar
Pesdestrian Signal Aspect	2 Aspect, low power LED, Red/Green Man + LED Wait
Radar frequency of operation	24.150 to 24.250 GHz
Radar Power	<100mW eirp
458 MHz Radio frequency of operation	458.525 to 458.925 MHz : Power < 27 dBm e.r.p
869 MHz Radio frequency of operation	869.40 to 869.65 MHz : Power < 27 dBm e.r.p
Handle	Integrated, folding
Detection	AGD308 FMCW smart radar approved to TOPAS 2504
System Function	TOPAS 2502, 2537, 2538
System Range	5 to 500m subject to line of sight variations.
Weight	<122 Kgs including batteries
Security	Fully integrated design with locking battery tray
External Charge Point	Integrated 110V 16A 4H (for battery charger option)