

Re-deployable Battery Pack

QRO's rapid deployment battery pack.

QRO Solutions have launched a rapid deployment battery pack to support various ANPR camera solutions. The battery pack utilises the latest lithium cell technology, supports high current discharge rates and has a long lifespan of over 2000 cycles at 80% Depth of Discharge (DoD). The batteries are constructed with high energy density cells allowing them to be smaller and lighter than comparable technologies.

The aluminium housing incorporates a quick attachment mount, which allows the installer to first install the mount and secure on the column, before locating the battery enclosure onto the mount and locking in place. This negates the requirement to support the weight of the battery whilst trying to secure banding around the column at the same time.

The battery pack is designed to provide at least 72 hours of continuous use, to either camera before the batteries require charging. Due to the quick release nature of the battery pack from the bracket, it is possible to rapidly swap the battery with a previously charged one, to continue with a longer operational requirement.



Specifications

Charging Temperature	-10 to +50°C.
Charging Time	5h (internal cell balancing).
Dimensions	549 x 183 x 99 mm.
Discharging Temperature	-20 to +60°C.
Enclosure material	Aluminium.
Fuse	Internal polyfuse (self-resetting).
Ingress Protection	IP66.
Isolation	Internal output isolator switch (accessible with lid removed).
Output Voltage	48V (12V option available).
Run time	72h+ (3 days).
Weight	15.7kg (including mounting bracket).