



ISTAR BUSHMASTER

Intelligence Surveillance Target Acquisition & Reconnaissance

SPECIFICATIONS

Equipment	Manufacturer	Specifications/remarks
PMV	Thales	Vehicle platform provides all DC power
Stiletto Mast	Will-Burt	Nested 1.02m, extended 4.1m, supports 91kg / height above ground plane 6m
HDR400 pan tilt head	KYLMAR	Sensor package platform with screen and controller
Day camera	KYLMAR	Day camera with 2 x magnification
CELT2	Thales	Laser rangefinder out to 19.99km
SOPHIE MF	Thales	Thermal imager / in-service item



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INTELLIGENCE SURVEILLANCE TARGET ACQUISITION & RECONNAISSANCE

The Bushmaster ISTAR OSPREY is a new capability that will provide enhanced situational awareness to deployed personnel within various operational theatres. Joining with a selected team of Defence companies, Thales has developed the solution which includes KYLMAR optronics, Thales UK laser rangefinders and the Thales SOPHIE MF (a multi-function thermal imaging device). These technologies have all been integrated into a four metre STILETTO mast from manufacturer Will-Burt and installed into the Protected Mobility Vehicles (PMV) Bushmaster.

The unique design involves removing only a single seat from within the PMV and providing minor modifications to the rear hatch to enable the complete sensor package to reside within the vehicle, thus maintaining the standard PMV external shape and form. The capability can be retrofitted to variants of PMV within theatre within a matter of hours. The OSPREY System is payload agnostic and can be tailored to the specific user requirement.

Best of breed

ISTAR Bushmaster System comprises Kylmar Osprey utilising SOPHIE (Australian Defence Force's inservice imager) and Will-Burt Stiletto mast

- No hull modifications
- Simple elegant fit through the rear hatch
- Able to be installed in the field
- Low risk, low cost option
- Force multiplier.

