


Adept Range - Special Purpose

				HIGH MEMORY		
Product Name		Adept 400	Adept 500		Adept 850	Adept 360°
Typical Applications		Piping Valves Processing Equipment	Gas Cylinders Beverage Kegs		Manufacturing & Supply Chain Automotive Outdoor & Industrial Operations	Very heavy industry applications. Identification of lifting equipment for maintenance and inventory management.
RF Specifications	Frequency Range (MHz)	866-868 (EU) 902-928 (US)	860-940 (GS)		860-960 (GS)	860-930MHz (Dual Band) 13.56MHz (HF opt.)
	Read Range (m) Fixed reader	Up to 3 (EU) Up to 4.5 (US)	Up to 5.0		Up to 8.5 Up to 4	Up to 10 (UHF) Up to 0.1 (HF opt.)
	Material Compatibility	Optimized for Metal	Optimized for Metal		Optimized for Metal	Metal and non-metallic substrates
	IC Type	Alien Higgs 3	Alien Higgs 3		Qstar-2A	Alien H3 (UHF) NXP I-Code (HF opt.)
Physical and Environmental Specifications	Encasement	Stainless Steel	Durable Thermoplastic		ABS	Steel frame
	Size (mm)	36 x 25 x 13.5	37 x 37 x 11.5		65 x 45 x 8	136.5 x 48 x 5.5
	Weight (g)	58	9.8		34	126.0
	Operating Temperature	-20 to +85°C	-20 to +65°C		-20 to +85°C	-40 to +85°C
	Ingress Protection	IP68	IP68		IP68	IP68
	Shock and Vibration	MIL STD 810-F	MIL STD 810-F		MIL STD 810-G	MIL STD 810-F
	Attachment	Steel strapping or welding Low profile version - epoxy or welded	Standard Adhesive		Rivet/screw (not included) Foam or thin film Adhesive(option)	Tether attachment (not included)
Order Codes +	080 - US, EU	045 - GS		114 - GS	032 - GS	

+ Order Option Codes are listed on the datasheets.