

Product name		ID-RFID-UHF-HT200	ID-RFID-UHF-HT210	ID-RFID-UHF-HT400	ID-RFID-UHF-HT400P	ID-RFID-UHF-FLEX	
Applications		Tool tracking including very small metal tools. Medical device tracking. Embedding into equipment at point of manufacture.	Tool tracking including wrenches and ratchets. Metal IT assets. Embedding into equipment at point of manufacture.	Tool tracking including metal hand tools. Metal IT assets. Embedding into equipment at point of manufacture.	Tool tracking including embedding into plastic handles or attachment to plastic tools. Embedding into equipment at point of manufacture.	Tool tracking of deployed production equipment. Especially for marking chemical drums and beverage kegs.	
RF Specifications	Frequency range (MHz)	902 - 928 (US) 866 - 868 (EU)	902 - 928 (US) 866 - 868 (EU)	902 - 928 (US) 866 - 868 (EU)	902 - 928 (US) 866 - 868 (EU)	902 - 928 (US) 866 - 868 (EU)	
	Read range (m) - Fixed reader	Up to 2.5	Up to 3.0	Up to 4.0	Up to 3.5	Up to 5.0	
	Material compatibility	On Metal only	Optimized for Metal substrates	On Metal only	Plastic and non-metallic substrates only	Optimized for Metal	
	IC Type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	
Physical and Environmental	Encasement	Durable Paint	Durable Ink	Durable Ink	Farbe	Thermoplast	
	Size (mm)	8.6 x 6.1 x 2.6	56.5 x 5.0 x 1.3	13.1 x 7.1 x 3.1	17.6 x 7.1 x 4.1	48.5 x 38.0 x 9.5 mm	
	Weight (g)	0.8	1.0	1.6	2.6	11.2	
	Operating Temperature <i>Max exposure Temp</i>	-40 to +85°C +150°C	-40 to +85°C +150°C	-40 to +85°C +150°C	-40 to +85°C +150°C	-40 to +85°C +150°C	-40 to +85°C +105°C
	Ingress Protection	IP68	IP68	IP68	IP68	IP68	
	Shock and vibration	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	
Attachment	Permanent liquid adhesive (not included) Film adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option) Std foam adhesive (option) Premium foam adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option)	Industrial foam tape (included)	