

UHF Laundry Tag

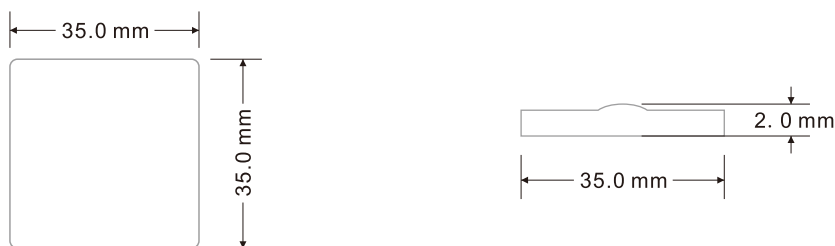
Aqua LA601



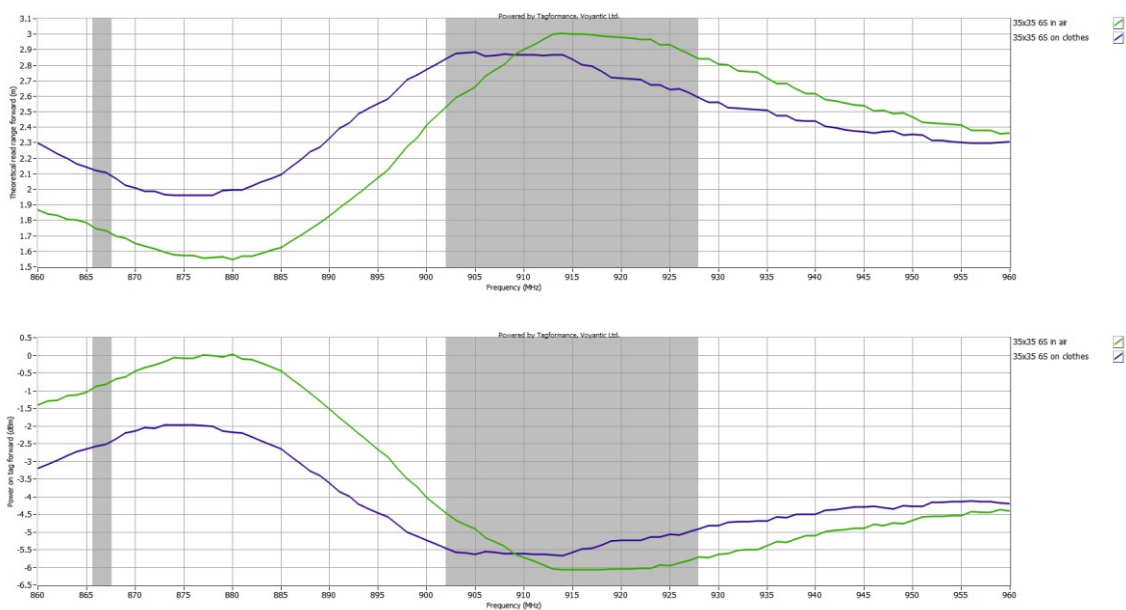
Aqua LA601, based on flexible antenna and woven, is a UHF laundry tag, special for linen laundry management. The tag can withstand more than 200 industrial washing cycles, with thin thickness, long reading distance, pressure and high temperature resistance. The laundry tag has a unique global identification code, by sewing a tag on each piece of linen. In the entire use of linen, users can do batch reading and check the linen pretty quickly by RFID reader, automatically record the use of linen, washing times. It will make the handover of washing tasks simple and transparent, and greatly improves the efficiency of inventory inspection by the UHF laundry tag. Meanwhile, users can predict the service life of the current linen and make purchase plans through the data collection of washing times.

Model	Aqua LA601
RFID Standard	UHF: ISO\IEC 18000-6C, EPC Global GEN2 V2.0 HF: ISO\IEC 14443 TYPE A; NFC: FORUM TYPE2
Frequency	860-960 MHZ & 13.56MHz (worldwide)
Length x Width	35 x35 mm (1.4 x 1.4 in)
Thickness	2.0 mm (0.08 in) on chip location only, Rest of tag is 0.7 mm (0.03 in)
Weight	0.7 g
Material	Polyester
Chip Type	Qstar-6S
Memory	160 bits or 256 bits of EPC for UHF 96 bits or 128 bits of TID for UHF Up to 2K bits of User for UHF and HF
Data Storage	> 15 years
Re-write	100,000 times
Read Range (Fixed Reader)	2.9 m (9.5 ft), on clothes; 3.0 m (9.8 ft), in air
Read Range (Handheld Reader)	1.5 m (5.0 ft), on clothes; 1.8 m (6.0 ft), in air
Installation	Sewn inside the hem or pouch
Warranty	200 washing cycles or 3 years, whichever comes first
Washing Method	Laundry, Dry cleaning
Water Extraction pressure	60 bars
Chemical Resistance	Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali
Washing Temperature	90°C (194°F) / 15 minutes
Pre-drying in Tumble	180°C (356°F) / 30 minutes
Ironing Temperature	185°C (365°F) / 10 seconds
Sterilization Temperature	135°C (275°F) / 20 minutes
Humidity/ Temperature-Operating	-20~+85°C (-4~+185°F) / 8~95%RH
Personalization	Serial number, LOGO printing, Encoding, Antenna design. etc
Applications	Industrial washing/Management of uniforms Medical apparel management/Military clothing management

Dimensions



Read Range(2W ERP)



Application

