

ABOUT TIMES-7

Pushing the boundaries of RFID technology worldwide Times-7 are leaders in RFID antenna design and manufacture. Our patented award winning UHF antennas meet the needs of virtually any industry application; providing customers with fast accurate tracking of products, assets & people; empowering organisations to transform processes & reduce costs.

Our SlimLine range of antennas is unique in the RFID industry; offering high levels of performance & durability in an aesthetically superior form.

Proven in a diverse & growing range of markets, applications include: retail & customer interaction, conference & people tracking, race timing, baggage handling, and logistic & supply chain asset management.

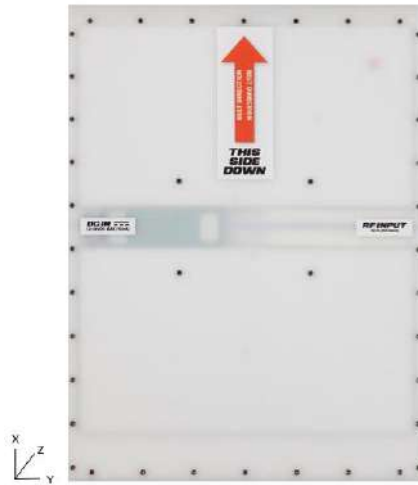
Times-7 Research Ltd
29 Railway Avenue
Lower Hutt 5010
New Zealand

NEW ZEALAND
P: +64 4 974 6566

USA/CANADA
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com



The SlimLine A6015

Part of the SlimLine range of airport antennas, the A6015 is a flat panel antenna array especially suited for airport self check-in baggage systems. With UHF ActivBeam™ active beam switching technology, the A6015 'searches' for RFID tags, maximising read performance and ensuring that bag-tags are never missed. Designed for quick and easy installation and just 12 mm / 0.5 in. thick, the A6015 speeds up the process of airport check-in, improving operational efficiencies for baggage handling at airports - or anywhere UHF RFID tag-reading is required where stationary assets can't afford to be missed.

Physical / Environmental Specifications

Dimensions (L x W x D):	380 mm x 549 mm x 12 mm 15 " x 21.6 " x 0.5 "
Weight:	2.6 kg / 5.7 lbs.
Radome Material:	3 mm HDPE (High Density Polyethylene)
Environmental Rating:	IP54
Operating / Storage Temperature:	0° to +50°C / -30° to +60°C +32F° to +122°F / -22° to +140°F
Mounting:	Affixed directly under check-in bag drop
Connector type (RF):	RP-SMA female side fly lead (2.2 m / 7.2 ft.)
Connector type (DC):	M8 (2.2 m / 7.2 ft.)

Electrical Specifications

Frequency Range:	865-868 MHz / 902-928 MHz
Polarisation:	Circular
Far-field Gain:	4 dBiC
Typical VSWR across frequency range:	< 1.8:1
Front to back ratio:	>15dB
Read zone above belt:	≤ 1500 mm
Read zone across belt:	≤ 1000 mm
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
DC Supply Voltage:	12 ~ 24 VDC @ 10mA max.
Maximum Input Power:	6 W

Ultra-low profile circular polarised antenna.

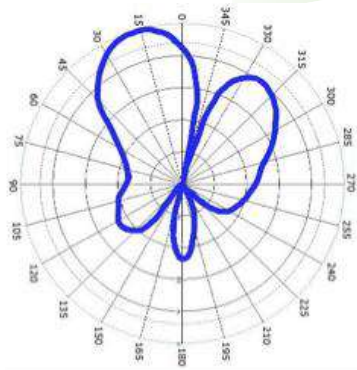
Especially suited for airport self check-in baggage systems.

UHF ActivBeam™ technology for maximum tag-read performance.

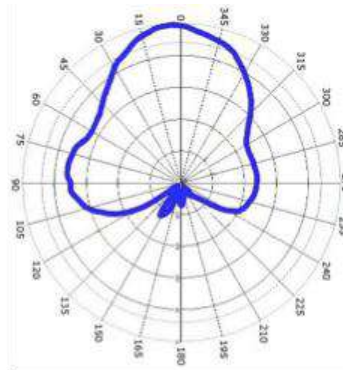
Typical applications:

Airport self check-in baggage systems
& anywhere stationary assets need to be read

E-field elevation & Azimuth Patterns

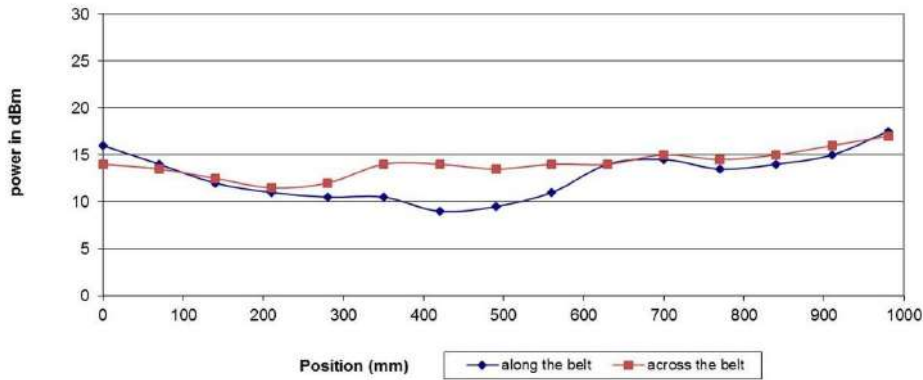


XZ-plane



YZ-plane

Power required to activate tag 500mm above the antenna



A6015 Tag activation profile

Ordering Information (please quote both product code & part no.)

Product Code	Band	Part No.
A6015	ETSI 865-868 MHz	71419
A6015	FCC 902-928 MHz	71420

Applications

- Airport check in baggage systems
- Any application with stationary tagged assets



The technical data contained in this publication is not a guarantee for which Times-7 Research Ltd assumes legal accountability. It is indicative of typical performance, and if required should be relied on for specific applications only after due verification.

All technical data, specifications and other information contained herein are deemed to be the proprietary intellectual property of Times-7 Research Ltd. No reproduction, copy or use thereof may be made without the express written consent of Times-7 Research Ltd.

OUR GLOBAL NETWORK

Constantly increasing market reach and influence in the global RFID industry, Times-7's international support spans The Americas, Europe, and Asia Pacific regions through our distributor, authorized reseller and integrated solutions provider network.

Times-7 Research Ltd
29 Railway Avenue
Lower Hutt 5010
New Zealand

NEW ZEALAND
P: +64 4 974 6566

USA/CANADA
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com