TG TECHNOLOGY
On your marks

Truck Tag
Information Sheets

Content

Truck Tag

Building Intelligent Supply Chains

Cargo and Container tracking.
Heavy equipment tracking and maintenance.
Location identification in lay down zones.

Physical Specifications

Encasement	ABS or Polycarbonate
Size (mm)	210x 1 lOx 21.0
(tolerance)	(+/- 1 mm)
Size (in)	8.27 X 4.33 X 0.82
(tolerance)	(+/-0.04 in)
Weight(g)	265.0 (ABS)
	292.0 (PC)

RF Specifications

Protocol	EPC Class 1 Gen2
Frequency Range (MHz)	860-960 (global)
Read Range(Fixed reader)[1]	Up to 35.0 (global)
Read Range (Handheld reader)[1]	Up to 20.0 (global)
Material Compatibility	Metal and non-metallic substrates
IC Type (chip)	Alien H3
Memory[2]	EPC- 96bits
	User - 512bits
	TID-64bits

1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.

2. EPC and User memory are reprogrammable, TID is locked at point of manufacture.

Environmental Specifications

Operating Temperature	ABS: -40 to +65 °C
	PC: -40 to + 1 00 °C
Long term Max Temperature[1]	ABS: +65 °C
exposure - (days, weeks,years)	PC: + 100 °C
Short term Max Temperature[1]	ABS: +75 °C
exposure - (minutes,hours)	PC:+ 120 °C
IP Rating	IP68
Shock and Vibration	MIL STD 810-G
Impact	>25kg from 1 m
Attachment	Manual (standard)
	Standard foam adhesive (option)
	Premium foam adhesive (option)
Certifications	RoHS approved
	CE approved
	ATEX/IECEx certified (option)
	US&Canada (Cl D1 /D2) certified (option)
Warranty	3 years

TG Technology
Byleddet 3A
4000 Roskilde
Denmark

+45 221 221 88
info@tg-tag.com
www.tg-tag.com

RFID READER

The MultiPEN

The MultiPEN is an innovative RFID/NFC handheld reader that enables UIDs of passive RFID TAGs to be read with different frequency range combinations.

The MultiPEN makes it possible to transfer read UIDs via Bluetooth to a host computer (tablet, laptop or smartphone).

The read UIDs can also be transferred / read into the database of the device memory and transferred to the host computer later via Bluetooth or USB connection.

Since a real-time clock is integrated, date and time can be automatically assigned to the read UID.

The MultiPEN makes it easier for users to work and makes RFID/NFC applications in maintenance, inventory, guard control systems and logistics processes efficient due to its simple handling.

RFID/NFC TAGs that are mounted close to each other or in places that are difficult to access can be easily identified due to the small size of the MultiPEN's reading tip

LF HF UHF

Specifications

Dimensions	190 mm * 30 mm * 35 mm
Reading Mode	Read&Write
Reading Range	1…3
IP Class	IP64
Power Supply	USB
Display Size	4 Row
Key Features	HID/SPP BT Interface • Real-Time Clock • OLED Display • Vibration Feedback • Triple Frequency

TG Technology
Byleddet 3A
4000 Roskilde
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+45 221 221 88
info@tg-tag.com
www.tg-tag.com