



## LM Dental Tracking System™ RFID Reader

LM Dental Tracking System™'s (DTS™) tray reader is a cutting edge multi-read UHF (Ultra High Frequency) RFID read point solution that offers ease in deployment due to its small size. With the antenna, cables and reader enclosed in a single table top tray it can be placed in any environment with minimal effect on the surroundings.

DTS™'s unit reader is a cutting edge single UHF RFID read point solution that can be mounted anywhere in the clinical area due to its small size.

Both DTS™ readers communicate over Ethernet or WiFi to the DTS™ server through encrypted HTTPS (see more info on Dental Tracking System™ Server Fact Sheet) creating the system environment, as a cloud service or local server.

The tray readers can be configured to be able to support single or multiple activities depending on the requirements and can be placed anywhere with minimal effect to the surroundings. The DTS™ readers are ideal for tracking dental instruments and materials.



Visit [www.dentaltracking.com](http://www.dentaltracking.com) for more information and videos



Learn more about **LM Dental Tracking System™ RFID readers.**

Interested to know more?  
Contact: [dts.sales@lm-dental.com](mailto:dts.sales@lm-dental.com)  
[www.dentaltracking.com](http://www.dentaltracking.com)

**LM Dental™**  
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## Specifications

RFID	
Standards Supported	EPC global UHF Class 1 Gen 2 multi tag reading / ISO 18000-6C
Supported Regions	Europe and other regions following ETSI EN 302 208 without LBT regulations US, Canada and other regions following US FCC Part 15 regulations
Antenna	Tray Reader: Multiple linearly polarized antennas, grouped in two groups of 4 and mounted at various angles
Connections	
Network	10/100BASE-T auto-negotiated with auto-sensing MDI/MDX for auto-crossover (RJ-45), with PoE option (Tray Reader only)
Wireless	IEEE 802.11b/g/n/a/ac Wave2 dual-band wireless LAN
IP	
IP Address Configuration	DHCP
Power Source	
Supply Voltage	Nominal 12 VDC, range 12 to 30 VDC or AC
Additional Information	
Dimensions Tray Reader	310 x 340 x 55 mm (12.20 x 13.39 x 2.17 in)
Dimensions Unit Reader	180 x 110 x 32 mm (7.09 x 4.33 x 1.26 in)
Weight Tray Reader	2.1 kg (4,63 lbs) including power supply and silicone mat
Weight Unit Reader	0.5 kg (1.10 lbs) including power supply
Operating Temperature	10 °C to 30 °C
Humidity	10% to 85%
Classification	UL 61010-1:2012/CSA-C22.2 No. 61010-1:2012

Interested to know more?

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