

Micro Data Matrix Validation Tool



TRACTUS is a specialty scanning platform that is designed for scanning data matrix codes as small as 0.5mm^2 with an x-dimension of 30 microns. The scanning system is battery powered, Bluetooth, and has an optics based scanning engine. Variable surface materials can be scanned, included but not limited to, PEEK, stainless steel, titanium, and other composite materials.

Product UPC 8640710002

- 40mm^2 effective reading area.
- Physical dimensions (in mm), H 233 x W 150 x L 210.
- Weight, 5lbs (2.27kg), with inserted battery.
- 0.5mm^2 code, 30 micron x-dimension minimum read capability.
- Multi-material, surface finish, and curved surface reading, including PEEK, titanium, stainless steel, and other surface/finishes.
- Battery: rechargeable lithium ion 14.4V @ 6.8AH.
- Configurable autofocus system, default value can adjust +/- 5mm to scan inside of items (i.e. screw heads).
- Data validation and code grading system is designed to provide AIM-DPM / ISO / IEC TR29158 approximation reports for data matrix codes.
- Decoding capability: 1-D: UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, Code 128, Code 93, Pharmacode, GS1 DataBar, MSI, Postal Codes: POSTNET, PLANET Code, Australia 4-State, Japan 4-State, UPU 4-State, Intelligent Mail Barcode, 2-D: Data Matrix, MaxiCode, QR Code, and Aztec.
- Bluetooth (up to 45 meters) wireless communication capabilities. Supplemental RJ45 direct connect available.
- Average decode time $\leq 25\text{ms}$.
- Bluetooth radio FCC ID: T9JRN41-1, radio and battery hold CE and ROHS certifications. UL EMC report number 10985723.
- Product patents (US20160374775A1 / WO2016210111A1).

