BTS-01 Ring Scanner Specifications

JANAM

PHYSICAL	
Dimensions	2.7" L x 1.7" W x .9" D / 69mm L x 44mm W x 24mm D
Weight	2.1oz / 60g including battery
Power	1000mAh rechargeable Li-ion battery

PERFORMANCE	
Sensor Resolution	640 x 400 pixels
Field of View	42° horizontal, 28° vertical
Roll Tolerance	360°
Pitch Angle	±60° from normal
Skew Tolerance	±60° from normal
Focal Distance	From front of engine: 7.64 in.
Aiming LED	610nm LED
Ambient Light	10,000 foot candles (107,639 lux)
Illumination	1 Hyper Red 660nm LED
Decode Range	1.5 in. to 19.5 in. depending on symbology
Supported 1D Symbologies	Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 DataBar, UPC-A, UPC E, UPC-A/EAN-13 with extended coupon code, Coupon GS1 Code 32 (PARAF), EAN-UCC Emulation, GS1 Data bar
Supported 2D Symbologies	Codablock A, Codablock F, PDF417, Micro PDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin) code, Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code
Interface	Bluetooth 4.0 HS BLE Supporting Profiles: Micro USB / DC Pin Pairing: by reading terminal BT address as a barcode on the host device

USER ENVIRONMENT	
Operating Temperature	-14º to 122ºF / -10º to 50ºC
Storage Temperature	-4º to 158ºF / -20º to 70ºC
Humidity	5% to 95% non-condensing
Drop	Multiple 5ft / 1.5m drops to concrete on all sides across a wide temperature range
Water & Dust	TBD
Electro Static Discharge (ESD)	+/- 8kV air; +/- 4kV contact

OS COMPATIBILITY	
	Android, iOS, Linux, MAC, Windows

SAFETY/REGULATORY	
LED Classification	Exempt Risk Group LED product per IEC/EN 62471
Electrical Safety	Complies with IEC/EN 60950-1 + A1 + A2 and UL 60950-1 Second Edition, 2014-10-14 and CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10
Environmental	RoHS Compliant