TD3000

1	Physical Characteristics	
1.1	Dimensions:	51mm x 30.61mm(width) x 21mm(height)
1.2	Weight:	
1.3	Voltage and Current:	5 +/-10%VDC @ 350 mA
2	Performance Characteristics	
2.1	Light Source:	Aiming: 528 nm LED; illumination: 630 nm LED
2.2	Field of View:	34°V x 46°H(Vertical x Horizontal)
2.3	Roll / Pitch / Yaw:	360°, ±65°, ±60°
2.4	Scan Performance:	
3	Symbology Decode Capability	
3.1	1-D:	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, RSS variants, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5, MSI, Codell, IATA, Bookland EAN, Code 32
3.2	PDF417 (and Variants):	PDF417, microPDF417 and composite codes
3.3	Postal:	U.S. Postnet and Planet, U.K., Japan, Australian, and Dutch
3.4	2-D:	MaxiCode, DataMatrix (ECC 200), and QR Code
3.5	Print Contrast:	25% minimum reflectance
3.6	Motion Tolerances:	Horizontal velocity: 5 in. (12.7 cm) per second

Depth of Filed (from engine face)

Label Density		TD3000	
Paper Label	English		Metric
13 mil (100% UPC/EAN):	1.2 -8.0 in.		3.0 -20.5 cm
20 mil (Code 39):	1.2 -12.0 in.		3.0 -30.5 cm
PDF417 (10 Mil):	2.0 -6.0 in.		5.0 -15.5 cm
Data matrix (10 Mil):	2.1 -6.0 in.		5.2 -15.5 cm

3.7	Interfaces Supported:	IE1100: RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh) and Synapse connectivity allows for connectivity to all of the above plus many non-standard interfaces.
4	**Imaging Characteristics**	
4.1	Image (Pixels):	0.35 Megapixel 752 pixels H x 480 pixels V
4.2	Graphics Format Support:	Images can be exported as Bitmap, Jpeg, and Tiff
4.3	Image Transfer Speed:	USB 1.1: Up to 12 Megabits/secondRS232: Up to 115 kb baud rate
4.4	Image Transfer Time:	Typical USB application is ~ 0.2 seconds with a compressed Jpeg of 100 kb
5	**User Environment**	
5.1	Operating Temperature:	32° to 122° F / 0° to 50° C
5.2	Storage Temperature:	-40° to 158° F / -40° to 70° C
5.3	Humidity:	5% to 95%, non-condensing
5.4	Drop/Shock Specifications:	Withstands 2000g to concrete
5.5	Ambient Light Immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting.