

IMAGETEAM 5600 Specifications

Performance

Illumination:	630 NM Visible Red LED
Receiving Device:	3648 element linear imager
Reading Distance:	From 1 in. (2.5 cm) to 24 in. (61 cm) on medium density codes
Reading Width:	7.5 mil code: 7 in. (18 cm) from nose, 6.6 in. (17 cm) wide 13 mil code: 16.5 in. (42 cm) from nose, 10 in. (25 cm) wide
Resolution:	5 mil. at 5 in. (13 cm) distance
Skew Angle:	±65°
Pitch Angle:	±65°
Horizontal Velocity:	2 in. (5 cm) per second
Minimum Symbol Contrast:	20%
Scan Rate:	Up to 270 scans per second
Decode Rate:	270 decodes per second

Reading Ranges for the IT5600

Narrow Width	Depth of Field
7.5 mil	4 - 14 in. (10 - 36 cm)
10 mil (80% UPC)	2 - 18 in. (5 - 46 cm)
13 mil (100% UPC)	1 - 24 in. (2.5 - 61 cm)
20 mil	1 - 36 in. (2.5 - 91 cm)

Mechanical/Electrical

Dimensions										
Length:	5.3 in. (13.5 cm)									
Height:	6.2 in. (15.7 cm)									
Width:	3.2 in. (8.1 cm)									
Weight:	6.5 oz. (184.3 g)									
Housing:	UL 94V0 grade									
Power Requirements:	4.5 - 12Vdc at scanner									
Current Draw (Typical):	<table><thead><tr><th>Input</th><th>Scanning</th><th>Idle</th></tr></thead><tbody><tr><td>5 V</td><td>235mA</td><td>65mA</td></tr><tr><td>12 V</td><td>127mA</td><td>45mA</td></tr></tbody></table>	Input	Scanning	Idle	5 V	235mA	65mA	12 V	127mA	45mA
Input	Scanning	Idle								
5 V	235mA	65mA								
12 V	127mA	45mA								

Power Supply

Noise Rejection:	Maximum 100mV peak to peak, 10 to 100 kHz
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Environmental

Temperature	
Operating:	+32°F to +122°F (0°C to +50°C)
Storage:	-40°F to 140°F (-40°C to +60°C)
Humidity:	0 to 95%, non-condensing
Mechanical Shock:	Operational after 50 drops from 6 ft. (1.8 m) to concrete
Ambient Illumination:	0 - 70,000 lux
ESD Protection:	Functional after 15kV discharge
Vibration:	Withstands 5G peak from 22 to 300 Hz
Agency:	FCC Class B, CE EMC Class B, CE Low Voltage Directive, IEC60825-1 LED Safety: Class 1, UL, cUL listed, TÜV
MTBF:	per MIL-HDBK-217F Ground Benign exceeds 100,000 hours
Symbolologies:	Codabar, Code 3 of 9 including PARAF, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC, EAN/JAN, China Postal Code, RSS. Sunrise 2005/GTIN compliant.
Interfaces:	All popular PCs and terminals via keyboard wedge, keyboard replacement/direct connect, USB, TTL level RS-232, wand emulation mode, TTL level Serial Wedge, and IBM 46XX retail terminals. HHLC non decoded laser output in 5600SR000 model. True RS-232 in 5600SR030 model.
Warranty:	Five year factory warranty.

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