

NT-1698W Wireless 1D Laser Barcode Scanner



PRODUCT OVERVIEW

Model	NT-1698W
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D
Scan Engine	Laser
Illumination	Visible laser diode, wavelength 630-650 nm 265 lux (130 nm) 0-100,000 lx
Acquisition Rate	150 scans/s
Minimum Element Resolution	≥5 mil
Minimum Print Contrast	≥35%
Field of View	34° V x 46° H(Vertical x Horizontal)
Angular Tolerance	±65°, ±60°
Depth of Field	(1 mil=0.0254 mm) 5 mil: 40-105 mm 10 mil: 10-250 mm 15 mil: 23-380 mm 20 mil: 35-490 mm 30 mil: 30-650 mm
Supported Symbolologies	Code 39, Full ASCII, Code bar, Industrial 2 of 5, Interleave 2 of 5, Code 93, Code 128, Code 32, Standard Code 39, EAN 128, MSI, EAN 8&13, UPCA&E, Plessey, DataBar14, TELEPE
Trigger Modes	Manual trigger, automaticContinuous mode

Connectivity & Wireless	
Connectivity	Wired, Wireless, 2.4 GHz Wireless2.4Greceiverdevicetransmission+Wired connection
Host Interfaces	USB
Wireless Range	100 m
Onboard Memory	64kb

Power	
Battery Capacity	2000 mAh
Operating Time	3 minutes to enter standby

Power	
Standby Time	3 minutes to enter standby
Charge Time	4-5 hours 5V 2A
Operating Voltage	(3.3V~4.2V) ±5%

Physical Specifications	
Dimensions	L × W × H (mm):170 × 75 × 90 mm
Weight	Approx. 186 g
Enclosure Material	ABS+TPU
Color Options	Black
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator

Environmental & Compliance	
Drop Resistance	2 m free-fall drop
Operating Temperature	0°C-60°C
Storage Temperature	-40°C-80°C
Relative Humidity	5%-90%
Ambient Light Immunity	0-100,000 lx
Certifications	CE, RoHS, FCC