



## **MS9530 Voyager® RF**

### *Features*

- **Auto-trigger with *CodeGate***
- **Flash ROM with *MeteorRF* upgrade utility**
- ***MetroSet*™ & *MetroSelect*™ configuration**
- ***Bits 'n' Pieces*™ data editing**
- **Short-range and long-range activation**
- **Base Station is OPOS compatible**
- **Range approximately 20-30 metres (line of sight)**
- **2-way communication**



**Voyager® RF** is a wireless version of Metrologic's successful Voyager 9530 Series single line hand-held scanner, giving automatic scanning with the added benefit of portability. The Voyager RF has a range of approximately 20-30 metres, making an ideal replacement for the MS6130 and other cordless hand-helds in its class.

The product is supplied with a battery pack which can be removed from the unit and charged through a Wall-Power supply in about 110 minutes. No charging stand is required. Once charged the unit can read and transmit more than 30,000 scans. When not in constant use the unit will enter standby mode. To exit from this and to start normal functionality the user needs to simply press the CodeGate button located on the top of the scanner.

The standard Voyager RF kits provide everything that is required including a Base Station to interface with the host, allowing the scanner to transfer data via Keyboard Wedge, RS232, OCIA, Light Pen and Terminal Emulation. Up to five scanners may work at the same time with a Base Station.

Every time the unit is turned on it will communicate with the Base Station for a few seconds. In the event that no link is made, (Base Station powered off, out of range, etc) the scanner will give an error beep and will keep the unit locked with LEDs Green and Red 'on' until the user presses the CodeGate button. Once pressed, the unit will work normally once the problem is solved.



# MS9530 Voyager® RF

## Preliminary Specifications

### OPERATIONAL

Light Source	Visible Laser Diode 650 nm ± 10 nm
Laser Power	0.96 mW (peak)
Depth of Scan Field	0 mm - 203 mm (0" - 8") for 0.33 mm (13 mil) bar code at default setting
Width of Scan Field	64.0 mm (2.5") @ face; 249 mm (9.8") @ 203 mm (8.0")
Scan Speed	72 ± 2 scan lines per second
Scan Pattern	Single scan line
Minimum Bar Width	0.127 mm (5.0 mil)
InfraRed Activation	Long Range: 0 mm - 279 mm ± 51 mm (0" - 11" ± 2") Short Range: 0 mm - 102 mm ± 25 mm (0" - 4" ± 1")
Decode Capability	Autodiscriminates all standard bar codes; for other symbologies call Metrologic
System Interfaces	RS232, PC Keyboard Wedge, OCIA, Light Pen and Terminal Emulation
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 50 data characters (Maximum number will vary based on symbology and density)
Roll, Pitch, Yaw	42°, 68°, 52°
Beeper Operation	7 tones or no beep
Indicators (LED)	Green = laser on, ready to scan. Red = good read Yellow = CodeGate™ active (off); auto-trigger mode (on)

### MECHANICAL

Length	223 mm (8.78")
Width	Head: 78 mm (3.1")
Depth	40 mm (1.6")
Weight	290gr

### RF LINK SPECIFICATIONS

Frequencies	434 MHz
Bandwidth	2 x 75 kHz Modulation: FM
RF Protocol	Two way data transmission, One channel. 39062.5 Baud speed.
Output Power Voyager RF	< 10 mW
Output Power Base Station	6 mW
Operating Range	Up to 30 Metres (line of sight)

### ELECTRICAL

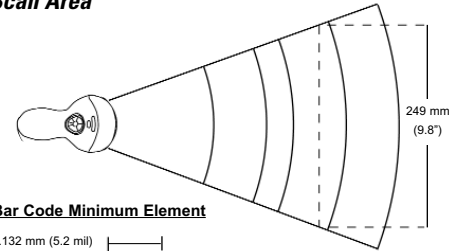
#### Voyager RF:

Input Voltage	3.7/3.8 V (1400mA-hour) rechargeable Lithium-Ion Battery Pack
Battery Operating Life	30,000 scans in 5 hours (at first read rate)
Operating Current	10mA: Standby; 110mA: Normal with Laser Off; 250mA: Normal with Laser On
DC Transformer	5VDC @1.5A Battery wall charger
Laser Class	CDRH: Class II; EN60825-1:1994/A11:1996 Class 1

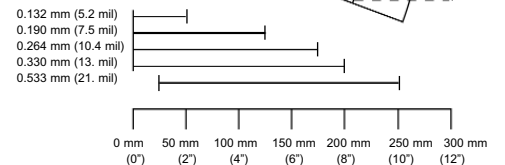
#### Base Station:

Input Voltage:	5VDC. Operating current: 40 mA
DC Transformer:	Input: 220V 50/60 Hz; Output: 5VDC @700mA; Power: 200mW

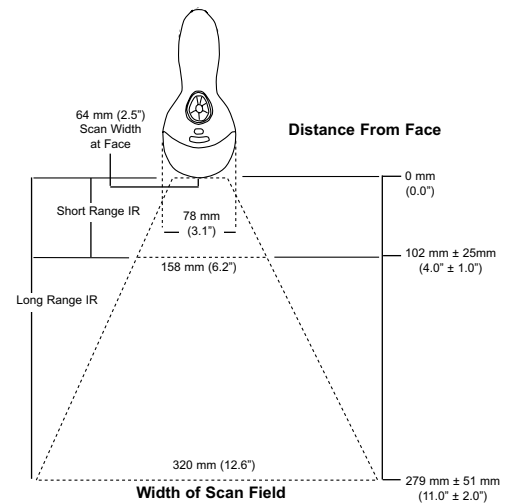
### Scan Area



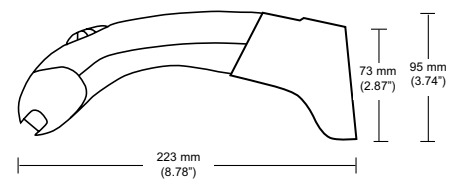
### Bar Code Minimum Element



### IR Activation and Scan Width



### Dimensions



### Errors & Omissions Excepted

Specifications subject to change without notice.  
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MLPN: DSMS9530



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