



# Sapphire VISION Reader



## Real-time Inventory and Personnel Access Control

Sapphire VISION Reader (V652) uses patented short pulse, ultrawideband (UWB), receiver technology to detect and identify UWB Sapphire tag transmissions for inventory control. The Sapphire VISION Reader can be used either as a stand alone solution or as the perfect complement to the Sapphire DART RTLS system which provides unparalleled accuracy for one-, two-, or three-dimensional localization requirements.

### Sapphire VISION Reader V652 Reader

The V652 Reader can either stream live tag data or cumulative tag reports with the V652 Reader graphical user interface. Cumulative data can be sorted by tag ID with an updated time display showing the last detection, battery life of each tag, and the frequency of tag reports per tag. This data can be saved to client memory for review and integration into a database later.

### Sapphire VISION V652 Starter Kit

Multispectral Solutions produces Starter Kits which are fully extensible and allows customers to easily transition from pilot evaluation to full-scale deployments.

Sapphire VISION Reader (V652) Specifications	
<b>Dimensions</b>	6.5 inches x 2.5 inches x 2.5 inches
<b>Weight</b>	15 ounces
<b>Operating Voltage (DC)</b>	5 - 12 VDC
Communications	
<b>Data Rate</b>	100Mbps
<b>Maximum 1Hz tag reports/sec</b>	5000
Antenna Options	
<b>V652-O (Omni-directional)</b>	2.5 dBi
<b>V652-MG (Mid-gain)</b>	8 dBi

### SAPPHIRE VISION READER FEATURES:

- Real-time inventory of Sapphire tagged assets or personnel.
- Tag information is sent in raw data format using TCP/IP or displayed through web browser.
- Adjustable receiver sensitivity for controlling the V652 read range from zones and choke-points.
- Can detect and report up to 5000 tag events per second

### SAPPHIRE VISION READER STARTER KIT FEATURES:

- MSSl Sapphire VISION Reader with power supply and software
- MSSl UWB Sapphire Tags at 1 second update rate; Fifty (50) tags included are 1x1 Asset Tags (quantity 20), Personnel Badge Tags (quantity 15), Micro Asset Tags (quantity 15)
- Dual-option ceiling mount; T-bar clip for attaching to ceiling tiles supports or tri-foot base for walls
- Plenum-rated Ethernet cable (25')
- Carrying case

For more information please contact us at 1-301-528-1745 or visit us at [www.multispectral.com](http://www.multispectral.com).

