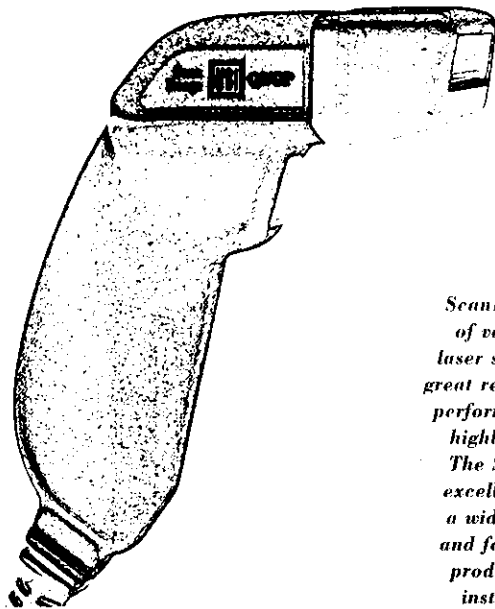


# SCANIMAGE™ QS

VALUE-PRICED INTEGRATED BAR CODE LASER SCANNERS



*ScanImage QS is UBI's line of value priced hand-held laser scanners. They provide great reliability and exceptional performance in a light weight, highly ergonomic package. The ScanImage QS affords excellent depth of field over a wide variety of code sizes and formats. ScanImage QS products are well suited to institutional, office, and retail environments.*

**ScanImage QS is available in three models to suit your requirements.**

### ***ScanImage QS / GP***

ScanImage QS / GP excels in low-to-medium-volume applications. With a depth of field of up to 9 inches, ScanImage QS / GP offers reliable, ergonomic performance in commercial and light industrial applications. This scanner is available with all UBI's interfaces, and its state-of-the-art decoding technology. It also includes an 18 month warranty.

### ***ScanImage QS / HP***

ScanImage QS / HP is designed for demanding commercial and industrial applications. With a depth of field from 1 to 24 inches, ScanImage QS / HP helps raise productivity in higher volume applications. It offers great reliability and performance in a light-weight, highly ergonomic package. It also includes a 24 month warranty.

### ***Long-Range Scanning***

UBI also offers the ScanImage QS / EP for specialized applications requiring long-range scanning from 6 to 60 inches. Detailed information is available upon request.

## B E N E F I T S

**Excellent Reading Performance:** ScanImage QS products are designed for quick, responsive scanning of "real world" bar code labels.

**Extensive Interfacing Capability:** ScanImage QS products are equipped with a UBI-designed decoder/ interface controller. They connect as a keyboard wedge to over 400 PCs and terminals. They can also support dual RS-232 and wand emulation interfaces.

**Highly Programmable:** The user can configure ScanImage QS products to the requirements of the host system through easy-to-use bar code menus. An extensive range of features can be selected by the user, including the symbologies to be decoded and the format of the data to be output.

**Dual Processor Architecture:** One processor monitors performance of the scan engine; the second handles decoding and interfacing to the host system.

**Ergonomic Design:** ScanImage QS products are designed for operator comfort, even during extended periods of use. The slim handle and light weight (8.5 oz, 244 g) make them easy to operate.

**Hands-Free Stand Option:** A special stand is available that allows the ScanImage QS products to work in a hands-free mode, but revert to its normal method of trigger activation when removed from the stand to read large or bulky items.

## S P E C I F I C A T I O N S

### Performance Characteristics

*Bar Code Formats:*

Code 39 (standard or full ASCII); UPC/EAN (in all lengths and variants); Code 16K; Code 49; Interleaved, Standard and Matrix 2 of 5; Code 128, Codabar, Ames, MSI, Plessey, Code 11, Code 93 (other codes available upon request).

### Electrical Requirements

*Power Requirements:*

910 (undecoded): 4.5 to 14 VDC at 135 mA;  
911,2,7: 5 to 14 VDC at 165 mA

### Physical Characteristics

*Dimensions:* Length = 4.5 in (11.4 cm)  
Height = 5.5 in (14 cm)  
Width = 2.5 in (6.4 cm)

*Weight:* 5.0 oz (142 g) without cable  
8.5 oz (244 g) with cable

### Optical Characteristics

*Light Source:* VLD 1 mW  
*Wave Length:* 670 nm  
*Laser Class:* Class II  
*Scan Rate:* 30 scans per second  
*Maximum Pitch:* ±65 degrees  
*Maximum Skew:* ±50 degrees  
*Print Contrast Ratio:* 40% minimum  
*Ambient Light Immunity:* 8000 ft. candles

### User Environment

*Operator Interface:* On-board beeper sounds on good read. LEDs show scan and good read conditions.  
*Operating Temperature:* 32° to 104° F (0° to 40° C)  
*Storage Temperature:* -40° to 158° F (-40° to 70° C)  
*Relative Humidity:* 5% to 95% non-condensing  
*Electrostatic Discharge:* 15 KV to any external surface  
*Shock:* Unit functions normally after 5 ft. (1.5 m) drop onto concrete.

## D E P T H O F F I E L D

Narrow Bar Width	QS/GP	QS/HP
7.5 Mil	0-4 in (0-10.2 cm)	2-7 in (5.1-17.8 cm)
100% U.P.C.	0-7.5 in (0-19.1 cm)	1-11 in (2.5-27.9 cm)
20 Mil	0-9 in (0-22.9 cm)	1-17 in (2.5-43.2 cm)
55 Mil	-	5-24 in (12.7-61 cm)

