



# infinity<sup>WF</sup>



**Large Document Solutions**  
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The widely-capable, detail-oriented, smooth-handling scanner.

**Infinity WF: bringing big time scanning capability to wide format.** Applying the best-of-breed scanning features and technologies found in our full line of document scanners, BÖWE BELL + HOWELL is proud to present the Infinity WF. Experience best-in-class image quality, scanning speed and productivity — now in wide format. Infinity WF — the possibilities are almost endless.

**Widely-capable**  
36", 42", 48" models  
flexible performance

**Detail-oriented**  
superior image quality  
up to 1200 dpi

**Smooth-handling**  
easy-to-use  
any paper, any time



**SharpShooter™ Camera Delivers Resolution Performance of Spectrum XF**

The Infinity WF utilizes the same camera technology found in BÖWE BELL + HOWELL's award-winning, high-volume production scanner — the Spectrum XF. By leveraging this proven capability, Infinity WF users are assured of superior image quality.

**All-in-One-Box Delivery Affords Immediate "Ready-to-Scan" Capability**

Infinity WF comes with everything you need to scan right out of the box, including the scanner stand, paper catch tray, connection cables and onboard Image Enhancement Software and scan application. Files can be compressed to familiar and commonly-used JPEG, PDF or TIFF formats, enabling Infinity WF users to scan to print, file, archive or email quickly and easily.

**Infinity WF provides industry-leading resolution, speed and productivity, essential for detail-driven and color-rich documents. Whether configured as a stand-alone unit or combined with other peripherals, Infinity WF can improve the quality of your scanned image and reduce your total cost of scanning. Infinity WF and BÖWE BELL + HOWELL. Always adding value.**

#### The Benefits of Experienced Leadership, Now in Wide Format

BÖWE BELL + HOWELL is a recognized leader in the document scanning industry, a distinction the company has held for more than twenty years. During that time, we have pioneered numerous new technologies – bringing our product innovations to market to advance image quality and scanning speed, improve workflows and efficiency, and continually make our scanners easier to use and maintain.

A key advantage of this experience is our ability to leverage successful, best-of-breed technologies and to make them available in new products. Several of these proven capabilities are highlighted features of the Infinity WF.

#### SharpShooter™ Camera – Capturing State of the Art Image Quality up to 1200 dpi

Infinity WF has the same SharpShooter camera technology found in BÖWE BELL + HOWELL's flagship product, the Spectrum XF. SharpShooter empowers the Infinity WF to have the highest resolution at rated speeds in its class. Images as intricately detailed and diverse as maps, aerial photos and architectural renderings are quickly and thoroughly captured.

A luminous white LED light source and unique illumination technique ensure light is evenly distributed to produce clean, crisp and consistent images. Users can define the desired resolution – up to 1200 dpi.

#### Smooth Transport of Document from Beginning to End

The transport wheels of the Infinity WF are individually mounted with spring-loaded ball bearings to secure placement of the scanned document ensuring smooth and gentle document throughput.

#### The Best Way to Scan Large Documents – Quickly and Quietly

The Infinity WF was designed to address the everyday needs of wide format users. The scanner's functionality and aesthetics, interfaces and maintenance were designed with the goal of improving the end user's experience.

For starters, Infinity WF is one of the fastest wide format scanners on the market. Every image is acquired quickly and easily, without having to modify preferences before scanning.

In addition, the Infinity WF runs at a very low noise level, humming along quietly as it handles the workload.

#### “Next to No Maintenance,” Fewer Consumables

Infinity WF was designed to require next to no maintenance. The SharpShooter cameras are enclosed in a glass-protected case to eliminate dust and reduce the number of required cleanings. The scanner includes automatic stitching camera calibration so that the Infinity WF is ready to scan as soon as it is turned on.

Infinity WF also delivers a lower total cost of scanning by having fewer consumables. The LED lights perform exceptionally, even with heavy duty cycle usage, and last the lifetime of the scanner.

#### Touch Screen Interface Brings Complete Control to Your Fingertips

An intuitive touch-screen user interface provides operators control over nearly every function of the scanner – literally at your fingertips. The Infinity WF's “just touch and go” capability further advances BÖWE BELL + HOWELL's reputation of developing easy to use scanners.

#### Web-based Network Connectivity Maximizes User Access, Minimizes Cost

Installing a scanner and making it available to multiple users on a network has never been easier or more cost-effective. All that is needed to bring Infinity WF online and ready to scan is a valid IP address. The cost savings of this approach are realized immediately. To operate Infinity WF, users do not need to download software or drivers. And additional hardware (such as an interface card or even a PC) is unnecessary, making Infinity WF a simple and convenient wide format scanning solution.

#### Automatic Width Detection Optimizes Scanning Settings, Results

Infinity WF detects the width of a document automatically – without any user intervention or changes in scanner settings. This unique functionality allows even the most delicate documents to pass through the middle of the scan table, thereby eliminating the danger of torn or ragged edges that can be caused by paper guides.

#### Image Rotation Capability Enhances Scanner Capacity, User Efficiency

Infinity WF's Image Rotation function allows users with documents that exceed the maximum scanning width to feed the document lengthwise and then rotate the scanned image to the proper orientation on the fly. This automated functionality shortens users' “hands-on” and total scanning time.

#### Leading Performance in Wide Format Scanning

Infinity WF is the choice for leading professionals that demand attention to detail in every facet of a wide format scanner. Whether you need to scan CAD drawings, historical artifacts, land surveys or other valuable documents – Infinity WF provides the colorful clarity to capture the most from your image. Documents can be scanned in color, black and white, or grayscale and at a resolution that fits your specific high-performance needs.

#### Architectural Renderings

Handled with speed, clarity and great care



#### Colorful Maps and Artifacts

Capturing every nuance, color and layer of information





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Model	WF 36	WF 42	WF 48
Scan Width	36 in.	42 in.	48 in.
Document Width	4 x 3 in to 38 in (100 x 75 to 965 mm)	4 x 3 in to 50 in (100 x 75 to 1,270 mm)	4 x 3 in to 50 in (100 x 75 to 1,270 mm)
Maximum Paper Thickness	0.12 in (3 mm)	0.12 in (3 mm)	0.12 in (3 mm)
Output Options	Bitonal, Grayscale and Color	Bitonal, Grayscale and Color	Bitonal, Grayscale and Color
Scanning Speed (inches per second)			
Binary at 400 dpi	12.6 ips	6.9 ips	6.9 ips
Color at 400 dpi	2.8 ips	2.3 ips	2.3 ips
Color at 300 dpi	8.5 ips	6.1 ips	6.1 ips
Number of Cameras in Unit (tri-linear color CCDs)	3	4	4
Number of Pixels	68,400	91,200	91,200
Resolution	Output: 100-1200 dpi Optical: 600 dpi	Output: 100-1200 dpi Optical: 600 dpi	Output: 100-1200 dpi Optical: 600 dpi
Maximum	1200 dpi	1200 dpi	1200 dpi
Image Enhancement Software	Brightness, contrast, gamma correction, sharpness, deskew, despeckle, color correction, thresholding, black/white point adjustment, auto exposure		
Bundled Software: Infinity WF Scanning Application	File options: PDF, JPEG, TIFF, PNM (raw data file) Scan to network, print, email, ftp server, screen, and USB 2.0 (optional) Mirror capabilities, negative inversion, onboard compression, image rotation, page splitting		
Light Source	LED	LED	LED
Scanner Size (HxWxD)	43 x 21.9 x 8.6 in. (109 x 55 x 22 cm)	55 x 21.9 x 8.6 in. (140 x 55 x 22 cm)	55 x 21.9 x 8.6 in. (140 x 55 x 22 cm)
Scanner Weight	100lbs (39 kg)	122lbs (49 kg)	122lbs (49 kg)
Power Consumption			
Voltage	100 V / 240 V	100 V / 240 V	100 V / 240 V
Maximum (Scanning)	190 W	215 W	215 W
Minimum (Idle)	115 W	115 W	115 W
Interface	1 GBit Fast Ethernet	1 GBit Fast Ethernet	1 GBit Fast Ethernet
Environment			
Temperature	40°F to 104°F (5°C to 40°C)	40°F to 104°F (5°C to 40°C)	40°F to 104°F (5°C to 40°C)
Relative Humidity	20% to 80% non-condensing	20% to 80% non-condensing	20% to 80% non-condensing
Sound Output			
Operating	35 dBa	35 dBa	35 dBa
Stand-by	25 dBa	25 dBa	25 dBa
Additional Contents	Network Cable, Cross-Over Cable, Power Cord, Stand (with all assembly tools included), Document Basket, Calibration Sheets, Cleaning Cloth, Recovery Key, Transport Wings, Printed Documents (Operator and Installation and Set-up Manual, and Warranty Card)		

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Phone: 1.800.SCAN.494 or 1.847.423.3032 (TTY)  
www.bbhscanners.com Form #SD-219, S007800 rev. A, 09/08



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