

# WideTEK

## High Performance Wide Format Scanners

Fast, photo-realistic **color** scans up to **48 inches wide**



WideTEK 42



WideTEK 36 / 36D



WideTEK 48



save directly to  
a USB drive,  
or email, FTP, etc.

### *Get ready. It's faster than you think!*

WideTEK scanners are designed to address the everyday needs of wide format users. Their functionality, aesthetics and interface are a perfect fit for production environments.

These very fast, yet astonishingly quiet scanners set new standards in both performance and quality.

Don't rescan that document ! WideTEK allows you to modify brightness, contrast, sharpness, and gamma before or after scanning. Operate WideTEK using its integrated touch screen. To view images immediately, connect a VGA monitor directly to the scanner.



Intuitive Touch Screen Operation



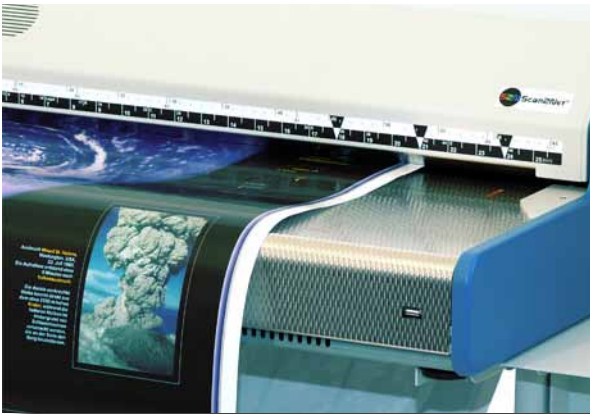
# Features and Benefits

WideTEK is a great choice for professionals that demand attention to detail in every facet of a wide-format scanner. Whether you need to scan maps, renderings, or drawings, — scan in black and white or color and at resolutions up to 1200 x 600dpi. WideTEK delivers the colorful clarity to capture the most from your scan materials.

WideTEK scanners are designed for easy setup effortless connectivity, and low maintenance operation. They connect over your network using standard IP (Internet Protocol) addresses and can be operated using a standard web browser - no drivers or add-on cards. As a result WideTEK scanners work with all operating systems and are accessible to anyone on your network. Data is transferred to your workstation at 1 Gigabit speeds, so transferring large files is no problem.

## No Warm-up Time Required — really!

That's right, no more waiting. WideTEK is ready to scan within seconds of power-up.



With a life expectancy of over one million scans, WideTEK scanners provide many years of service.

If you're looking for an efficient solution distinguished by fast processing, production-level durability and low maintenance, WideTEK wide format scanners deliver.

State of the art illumination, using bright white LEDs, guarantees long life and excellent scans with the added benefit of producing far less heat than other lighting systems.

All of the WideTEK's optical components are hermetically sealed in the camera box for dust-free and quiet operation. Unlike other devices, WideTEKs require no consumables for continual operation, so they're environmentally friendly.

WideTEK scanners come with everything you need to scan right out of the box, including the scanner stand, paper catch tray, connection cables and on-board Image Enhancement Software. Files can be compressed to JPEG, PDF or TIFF formats, enabling users to scan to print, file, archive or email quickly and easily.

WideTEK scanner's unique spring loaded ball bearing document transport system enables it to gently handle thin and fragile documents, making it ideal for archive and preservation projects. The pull-strength is adjustable using its weight-balanced back plate giving the user even more control over the handling of documents. Clear plastic envelopes are available for fragile documents that need the extra protection.

Automatic document recognition allows operators to pass smaller, sensitive documents through the middle of the scan area, protecting document edges.



Clear Plastic Envelopes for Dilapidated Documents

## Scanning Speed

| Full Bed, 24-bit Color Scan | 150 x 150 dpi | 300 x 300 dpi | 600 x 600 dpi | 1200 x 1200 dpi |
|-----------------------------|---------------|---------------|---------------|-----------------|
| WideTEK 36                  | 12.4 in / sec | 8.3 in / sec  | 2.1 in / sec  | 0.8 in / sec    |
| WideTEK 42                  | 9.3 in / sec  | 6.2 in / sec  | 1.6 in / sec  | 0.8 in / sec    |
| WideTEK 48                  | 9.3 in / sec  | 6.2 in / sec  | 1.6 in / sec  | 0.8 in / sec    |

# Advanced Scan2Net® Technology from Image Access

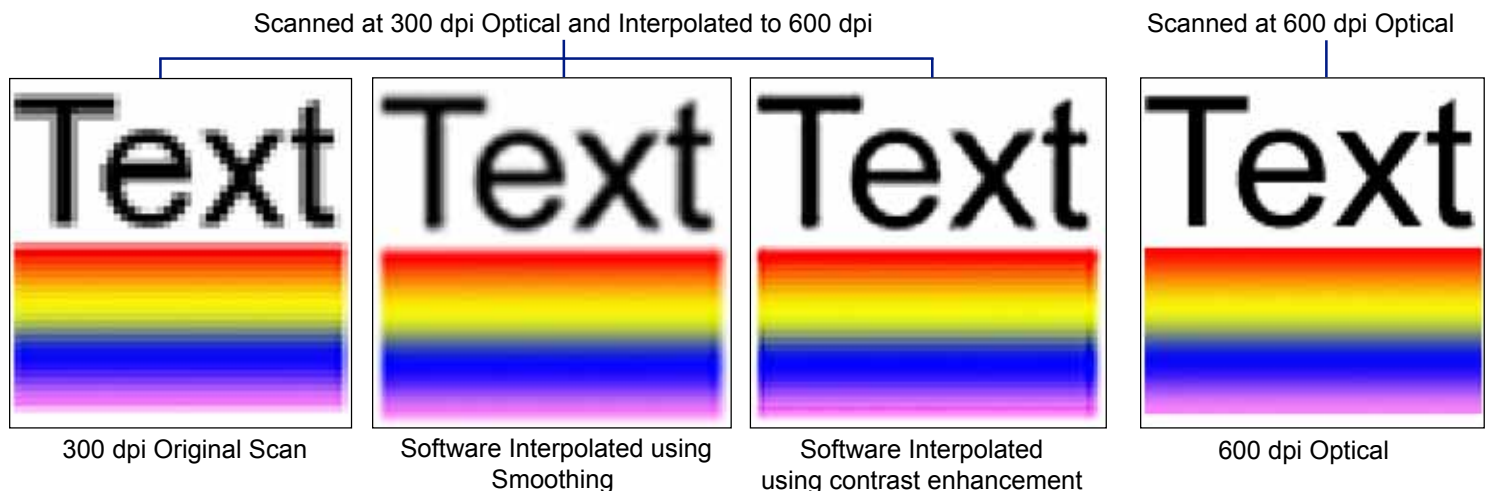
The scanner manufacturing division of Image Access was founded in 1993 by an engineer-scientist with many years of experience in production digital imaging. Over the years, Image Access' focus on engineering excellence has helped win many contracts to provide scanner electronics to other scanner manufacturers. One well-known planetary scanner manufacturer acquired the electronics for its first planetary scanner from Image Access. Presently, Image Access supplies large quantities of its industry leading camera electronic modules to a major commercial production scanner manufacturer.

In 2001, Image Access released Scan2Net, its trademarked set of revolutionary scanner technologies which included an Ethernet connection to a computer compatible with MS-Windows, Linux and Apple operating systems. Since then, Image Access has leveraged its large technological investment in Scan2Net to create a full line of high production specialty scanners, including many models of Bookeye planetary scanners, B and C size flatbed scanners and wide format feed-through scanners for maps and drawings. Recognizing the Scan2Net superiority, several competitors, including the oldest and largest wide format scanner manufacturer, have recently tried to copy the computer interface portion of Scan2Net.

*Today, Image Access supplies its superior scanner electronics in large quantities to several other scanner manufacturers, providing us with large economies of scale. Thousands of Bookeye users worldwide provide us with unparalleled feedback. Hence, we are able to produce the best scanners at the lowest possible prices.*

## Better Image Quality

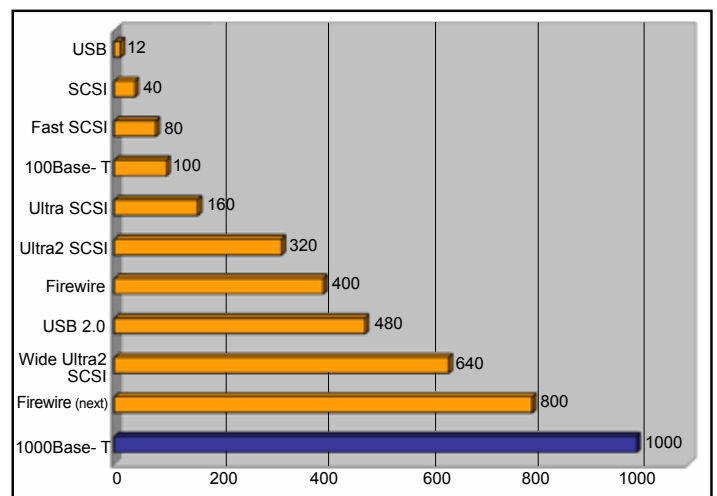
When given the opportunity to compare the image quality of several competing scanners outputting the same resolution or dpi, it's likely that you will notice variations in quality like the ones below. These variations result from the effects of differences in scanner optics, electronics and lighting. One Western European nation recently purchased 80 scanners from Image Access based on its superior image quality, even though the competing scanners offered the same resolution.




## Higher Scanner Speeds

### Scan2Net Interface Speed

Since Scan2Net scanners connect to computers via Gigabit Ethernet, their data transfer speeds are substantially higher than any other scanners on the market. This high speed is vital for performance when scanning large images at high resolutions. For optimal speed, connect the scanner directly to the computer using the Ethernet crossover cable supplied with the scanner.



# WideTEK Technical Specifications

| Model  | WideTEK 36 & 36 DS   | WideTEK 42  | WideTEK 48  |
|--|--|---|---|
| Document Formats   | Auto-format size recognition<br>Up to 36 x 8000 inches   | Auto-format size recognition<br>Up to 42 x 8000 inches          | Auto-format size recognition<br>Up to 48 x 8000 inches          |
| Scan Width   | up to 36"  | up to 42"   | up to 48"   |
| Document Width   | up to 38"  | up to 50"   | up to 50"   |
| Maximum Paper Thickness  | 3 mm   | 3 mm  | 3 mm  |
| Scanning Speed (24 Bit Color)<br>1200 x 1200 dpi<br>600 x 600 dpi<br>300 x 300 dpi<br>150 x 150 dpi                                  | 0.8" per sec<br>2.1" per sec<br>8.3" per sec<br>12.4" per sec  | 0.8" per sec<br>1.6" per sec<br>6.2" per sec<br>9.3" per sec    | 0.8" per sec<br>1.6" per sec<br>6.2" per sec<br>9.3" per sec    |
| Scan Length<br>(full scan width at 150 dpi resolution)   | 38 m (24 bit color depth)<br>400 m (bitonal)   | 38 m (24 bit color depth)<br>400 m (bitonal)                    | 38 m (24 bit color depth)<br>400 m (bitonal)                    |
| Color Depth  | 36 bit color, 12 bit grayscale   | 36 bit color, 12 bit grayscale                                  | 36 bit color, 12 bit grayscale                                  |
| Scan Output  | 24 bit Color, 8 bit grayscale, bitonal, photo mode   | 24 bit Color, 8 bit grayscale, bitonal, photo mode              | 24 bit Color, 8 bit grayscale, bitonal, photo mode              |
| File Formats   | JPEG, PNM, TIFF G4, TIFF uncompressed, (PDF optional)  | JPEG, PNM, TIFF G4, TIFF uncompressed, (PDF optional)           | JPEG, PNM, TIFF G4, TIFF uncompressed, (PDF optional)           |
| Interface  | 1 GBit fast ethernet with TCP/IP-based Scan2Net® interface   | 1 GBit fast ethernet with TCP/IP-based Scan2Net® interface      | 1 GBit fast ethernet with TCP/IP-based Scan2Net® interface      |
| Light Source   | LED  | LED   | LED   |
| 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<br>Optical: 600 dpi<br>Maximum: 1200 dpi  | Output: 100 - 1200 dpi<br>Optical: 600 dpi<br>Maximum: 1200 dpi | Output: 100 - 1200 dpi<br>Optical: 600 dpi<br>Maximum: 1200 dpi |
| Dimensions (H x W x D)   | 42 x 43 x 22 inches  | 42 x 55 x 22 inches   | 42 x 55 x 22 inches   |
| Weight (scanner and stand)   | approx. 146 lbs  | approx. 160 lbs   | approx. 160 lbs   |
| Power Consumption<br> Voltage<br>Scanning<br>Idle | 110 V / 240 V<br>190 W<br>115 W  | 110 V / 240 V<br>210 W<br>115 W                                 | 110 V / 240 V<br>210 W<br>115 W                                 |
| Environment<br>Temperature<br>Humidity   | 40°F to 140°F (5°C to 40°C)<br>20% to 80% non-condensing   | 40°F to 140°F (5°C to 40°C)<br>20% to 80% non-condensing        | 40°F to 140°F (5°C to 40°C)<br>20% to 80% non-condensing        |
| Noise Level<br>Operating<br>Stand-by   | 35 dB(A)<br>25 dB(A)   | 35 dB(A)<br>25 dB(A)  | 35 dB(A)<br>25 dB(A)  |
| Functions  | Digital color balance, automatic black value correction, automatic white balance, online ICC profiling, web-based firmware updates   |   |   |
| Shipment Contents  | Network cable, cross-over cable, power cord, stand (assembly tools included), document basket, calibration kit, cleaning cloth, WideTEK installation CD with Scan2Net software, printed manual |   |   |

© 2010 Image Access, Inc. All rights reserved. WideTEK and the Image Access logo are trademarks or registered trademarks of Image Access, Inc. Specifications are subject to change without notice.



543 NW 77th Street | Boca Raton, FL 33487 | 800.378.5432 561.886.2900 | [www.imageaccess.com](http://www.imageaccess.com)