

WideTEK 36 DS

For demanding applications
in a wide range of markets:

- Press Clipping Services,
- Copy Services,
- Libraries,
- Archives



**High performance wide format duplex scanner for
double-sided printed documents up to 36 inches (915 mm) in width**

- Compact design - double the scanning power
- 4 seconds at 300 dpi for front and back sides of a newspaper page
- Operation via touch screen or web browser
- Network scanning via web browser
- Integrated walk-up scanning software
- Scan to FTP, SMB, USB, eMail
- LED lamps, no warm-up, IR/UV free

WideTEK 36 DS

Wide Format Duplex Scanner for Documents up to 36 Inches (915 mm) in Width

The WideTEK 36 DS is the world's first wide format scanner for duplex digitalization of newspapers and other double-sided printed documents up to 36 inches (915 mm) in width. This compact device needs only four seconds to scan the front and back sides of a newspaper page (at 300 dpi).

The idea of double-sided scanning in one production step primarily means less production effort: The document no longer needs to be flipped over and scanned again on the other side. That makes the scanner an ideal companion for press clipping, archiving and library services.



The scanner features two camera boxes, both consisting of three CCD systems, integrated into the upper and lower part of the device – only a few centimeters from each other. The WideTEK 36 DS captures both sides of the newspaper at the same time. After scanning, software separates the scanned document into four single images; capturing the left and right sides on the front and back of the newspaper – everything in one single step.

The scanner is equipped with two processor units. This allows an extremely fast data throughput. The patented stitching procedure and the optical resolution of 1200 x 600 dpi guarantee brilliant scan results.



Compact Design – Double Scan Power

The mechanical construction of the WideTEK 36 DS is also a highlight. The more extensive mechanics and additional camera and light units were integrated into the device without dramatically enlarging its dimensions. The duplex scanner is only 13 centimetres larger than the compact WideTEK 36.

The complete camera optical system is integrated in a hermetically sealed housing. Once optimally adjusted, it remains stable, dust-free and requires no maintenance.

Special transport rollers, with individually spring loaded ball bearing pairs serving as pressure points; ensure the best possible gentle document transport. WideTEK 36 DS digitalizes even historical and fragile documents without damage to the source document.



WideTEK 36 DS

All Proven Technologies Present



Gentle scanning of fragile documents

The WideTEK 36 DS encompasses the proven technologies of the rest of the WideTEK scanner family.

Illumination with white LEDs is exceptionally energy-saving and delivers a constant color temperature over the entire lifetime of 50,000 hours. The scanner is ready for operation immediately after powering it on.

The operator will have a high return on investment: due to the low number of consumables, the device is practically maintenance-free. The scanner is very robust and provides high productivity and efficiency.

Users can operate the scanner in various ways: with a standard web browser via the web-based user interface or as a walk-up system, using the built-in touch screen. The operator can create up to 30 jobs and templates – helpful for scanning documents with identical parameters. For scanning large quantities of documents, our application software Batch Scan Wizard provides many functions for increasing productivity.

The integrated walk-up scanning function makes the scanner a truly shared device. One click of the mouse is enough to either print the scan, send it to any directory in the network or via e-mail, to upload it to the FTP server, or to save it to any USB memory device. Simply walk up, scan and store or send the image, all through the use of the touch screen.



Automatic separation in single pages

Software Options - for More Scanning Efficiency

S2N Scan2VGA

Direct connection of the monitor to the scanner for image and parameter control

S2N Scan2USB

Save scanned images directly to a USB memory device

S2N Batch Scan Wizard

Automated scanning of high volume source documents

S2N Scan2PDF

Create PDF/A files for long term archived storage

WideTEK Scanners - Designed for Brilliant Results



Integrated Scan Technology from Image Access

All scanners are based on Image Access' own Scan2Net® technology, which allows – along with high speed – superior quality, simple operation and uncompromising scanning speeds with the highest network compatibility.

Operation System Independent

The HTML-based Scan2Net® technology requires only a network connection and the scanner can be operated using any web browser, completely independent from the operating system.

The scanner provides the user interface, so there is no application software to be installed. The easy-to-operate user interface allows the full operation of the scanner, the configuration of the scanner, the installation of software options and firmware updates.

Simple, intuitive operation




It begins with the easy network integration of the device - no driver installation, no add-on cards. After an IP address is assigned, the device is readily available for every user in the network. No client software is required.

Clear menu structure

The menu, divided into five major functional areas, will quickly lead you to the desired result. Select the format and document structure, choose an output and color mode, press the start button and scan.

All parameters are configurable, using only a few clear menu selections. Operation of the device becomes routine for first-time users in a very short time.

Technical Data

| | |
|---|---|
| Document Formats | Autoformat size recognition DIN, ANSI formats up to 36 x 8000 inches |
| Scan Width | up to 36 inches (915 mm) |
| Document Width | up to 38 inches (965 mm) |
| Document Thickness | up to 3 mm |
| Optical Resolution | 1200 x 600 dpi |
| Scan Speed (24 Bit Color) | 1200 x 1200 dpi 1 inch/s (1,6 m/min) 600 x 600 dpi 2,1 inch/s (3,2 m/min) 300 x 300 dpi 4,2 inch/s (6,4 m/min) 150 x 150 dpi 8,4 inch/s (12,7 m/min) |
| Scan Length (full scan width at 150 dpi resolution) | 38 m (24 bit color depth) 400 m (bitonal) |
| Color Depth | 36 bit color, 12 bit grayscale |
| Scan Output | 24 bit color, 8 bit grayscale, bitonal, photo mode |
| File Formats | JPEG, PNM, TIFF decompressed, TIFF G4 (CCITT), PDF (optional) |
| Interface | 1 Gbit fast ethernet with TCP/IP based Scan2Net® interface |
| Light Source | white LEDs, classified by IEC 60825-1: Class 1, no UV-/IR-emission |
| Camera | 2 camera systems each with 3 x CCD camera, 136,800 pixel, hermetically sealed camera |
| Dimensions (H x W x D) | 42 x 43 x 27 inches (1072 x 1094 x 686 mm) |
| Weight | approx. 185 lbs (84 kg) |
| Electrical Connection | 100-240 V AC, 50/60 Hz |
| Power Consumption | 3,5 W (stand-by), 110 W (ready to scan), 230 W (scanning) |
| Temperature | +5 bis +40 C |
| Relativ Humidity | 20 bis 80 % (non-condensed) |
| Noise Levels | 35 dbA (operation) / 25 dbA (stand-by) |
| Functions | digital color balance, automatic black value correction, automatic white balance, online ICC profiling, web based firmware updates |
| Conformity |    WEEE RoHS |

Allied Images Ltd
53 Tenter Road
Moulton Park
Northampton,
NN3 6AX
Tel. +44 (0)1604 670679
Fax +44 (0)1604 670876
sales@allied-images.com
www.allied-images.com



is registered trademark of Image Access GmbH.

Subject to technical changes, alterations and modifications without prior notice.

© Image Access GmbH 2009
WideTEK 36 DS-Allied-E-0-1009

