

WideTEK 36 DS

Creative Technology. Fast Scans. Brilliant Results.



High performance wide format duplex scanner for double-sided documents up to 36 inches wide

- Compact design - double the scanning power
- 4 seconds at 300 dpi for front and back sides of a newspaper page
- Operation via touchscreen 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
- Perfect for media clipping applications
- Up to 5 years extended warranty, free spare parts and more



WideTEK 36 DS

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

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

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. 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 half of the front and back of the newspaper – everything in one single step.

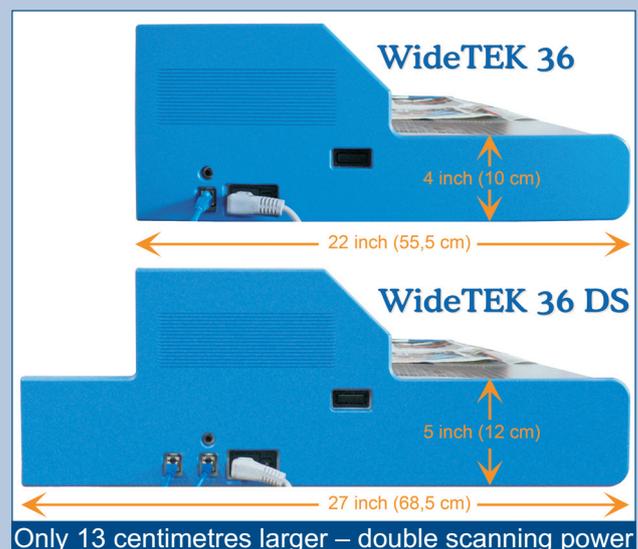
The scanner is equipped with two processor units. This allows an extremely fast data throughput. The patented stitching procedure merges the images of the cameras seamlessly together. The optical resolution of 1200 x 600 dpi guarantee brilliant scan results.

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 centimeters larger than the compact WideTEK 36.

The complete camera optical system is integrated in two dust-free sealed housing. Once optimally adjusted, all components are protected against external influences and require 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.

Energy saving illumination with white LEDs and a lifetime of 50.000 hours. The maximum brightness is available directly after starting the scanner. No „warm-up“ time. Further advantage: The constant color temperature over the entire lifetime.

The operator will have a high return on investment: due to the low number of consumables, the device is practically maintenance-free. Cleaning of the scanner is done easily in a few steps.

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 HTML-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 email, 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 touchscreen.



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 Scan2PDF

Create PDF/A files for long term archived storage

S2N Scan2ICC

Online tool for creating an individual ICC profile

S2N Batch Scan Wizard

Automated scanning of high volume source documents



Integrated Scan Technology from Image Access

The innovative Scan2Net® technology forms the basis of the scanning solutions from Image Access.

Scanners operating with this technology require only a network connection and can be operated using any web browser, completely independent from the operating system.

The Scan2Net® technology utilizes an HTML based user interface.

The Scan2Net® User Interface enables:

- Simple network integration of the scanner
- Real time display of scanned images
- Easy installation of software updates
- Installation of software options

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.

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

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|---|--|------------------------|---------------|-------------------------|
| Document Formats | Autoformat size recognition, DIN and ANSI formats, Up to 36 x 18000 inches | | | |
| Scan Width | Up to 915 mm (36 inches) | | | |
| Document Width | Up to 965 mm (38 inches) | | | |
| Document Thickness | Up to 3 mm (0.1 inches) | | | |
| Paper Path | Face up/Face down, Front entry, Front or rear exit | | | |
| Optical Resolution | 1200 x 600 dpi | | | |
| Scan Speed (24 Bit Color) | 1200 x 1200 dpi | 1.6 m/min (1 inch/s) | 300 x 300 dpi | 6.4 m/min (4.2 inch/s) |
| | 600 x 600 dpi | 3.2 m/min (2.1 inch/s) | 150 x 150 dpi | 12.7 m/min (8.4 inch/s) |
| Scan Length (full scan width at 150 dpi resolution) | 38 m (1496 inches) | 24 bit color depth | | |
| | 400 m (15,748 inches) | bitonal | | |
| Color Depth | 36 bit color, 12 bit gray scale | | | |
| Scan Output | 24 bit color, 8 bit gray scale, 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 IR/UV emission | | | |
| Camera | 2 camera systems each with 3 x CCD camera, 136,800 pixel, encapsulated and dust-proof | | | |
| Dimensions (H x W x D) | Scanner: 220 x 1094 x 685 mm (9 x 43 x 27 inches) | | | |
| Weight | Scanner: approx. 64 kg (141 lbs), Scanner incl. Floorstand: approx. 84 kg (185 lbs) | | | |
| Electrical Connection | 100-240 V AC, 50/60 Hz | | | |
| Power Consumption | 0.1 W (Standby), 115 W (Ready to scan), 190 W (Scanning) | | | |
| Temperature | +5 to +40° C | | | |
| Relativ Humidity | 20 to 80 % (non-condensed) | | | |
| Noise Levels | 35 dbA (Scanning) / 25 dbA (Standby) | | | |
| Accessories | Floorstand, Foot pedal, Table for external monitor, Clear envelope | | | |
| Options | Batch Scan Wizard (incl.), Scan2PDF, Scan2USB, Scan2VGA, Scan2ICC Extended Warranty | | | |
| Functions | Digital color balance, Automatic black value correction, Automatic white balance, Online ICC profiling, Web-based firmware updates | | | |
| Approvals | IEC 60950-1:2005, EN 60950-1:2006, ANSI/UL 60950-1:2003, CAN/CSA C22.2 60950-1:2003 FCC Part 15, Class A ANSI C63.4:2003, EN 55022:2006, Class A with EN 61000-3-x EN 55024:2003 with EN 61000-4-x | | | |
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