

WideTEK 42

For demanding applications
in a wide range of markets:

- Cartography and GIS,
- Architecture, Topography,
- Engineering,
- Construction, CAD
- Copy Services,
- Reprography



**Fast, high performance wide format color scanner
for high resolution scans up to 42 inches (1070 mm) in width**

- 12 m²/minute continuous scanning
- 1200 x 600 dpi true optical resolution
- User friendly touch screen
- 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 42

The wide format color scanner for documents up to 42 inches in width (1070 mm)

The innovative wide format scanner WideTEK 42 is setting new standards in performance and quality.

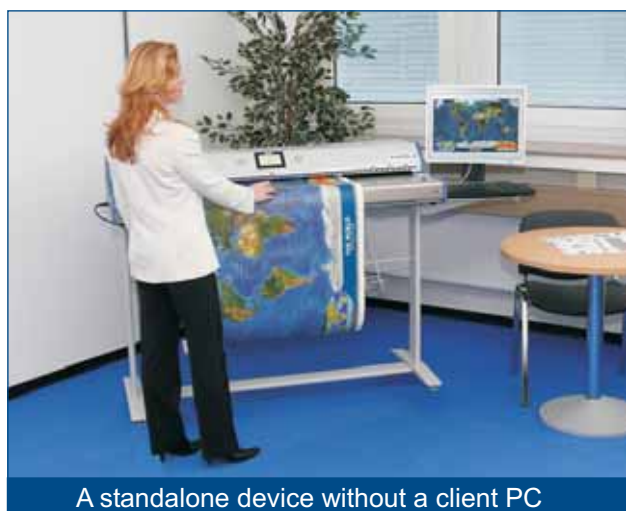
This very fast but astonishingly quiet color scanner combines user-friendliness, production-ready design and compact dimensions in a new class of scanners.

State of the art illumination using bright white LEDs guarantees long lifetime and best scan results at a very low noise level in spite of the high speed.

The cutting edge camera technology, consisting of a dust-protected, hermetically sealed camera box holding CCD systems using a patented stitching procedure, delivers an optical resolution of 1200 x 600 dpi.



Walk-up scanning to the USB stick



A standalone device without a client PC

The user operates the scanner either with a standard internet browser or alternatively, via the built-in touch screen. A monitor directly connected to the scanner can be used for image control or to modify the scan parameters, without a client PC. Using the touch screen display, up to 30 different password protected jobs can be defined and stored. The jobs contain preconfigured settings such as scan parameters or directories on the network drives.

The integrated walk-up scanning software 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 the USB memory device. Simply walk up, scan and store or send the image, all through the use of the touch screen.

Gentle Scanning of Historical and Fragile Documents

WideTEK scanners scan historical and fragile documents particularly gently thanks to spring-loaded ball bearings in the document transport mechanism.

Special transport rollers with individually spring loaded ball bearing pairs serving as pressure points ensure the best possible, gentle document transport. This allows a maximum document thickness of 3 mm. A new weight-balanced back plate allows users to adjust the strength with which the documents are lifted to the scan plane. Transparent DIN A1 envelopes are perfectly suited for even more protection of the documents.

Automatic document size recognition allows operators to pass sensitive documents through the middle of the scan area, protecting documents from any damage.



Gentle scanning of valuable documents

WideTEK 42

Effective and cost-efficient scanning of transparent documents



Easy to install - the white backplate

For digitalization of transparent documents WideTEK large format scanner can be refitted with a white backplate. This simple and effective accessory is considerably more cost-effective than a conventional backlight unit.

In combination with the optimized LED illumination, it achieves a clear and high-contrast reproduction of even the finest details of transparent documents. Utilizing an ingenious binarization algorithm, the white backplate option enables operators to get optimal brightness allocation of the image. Most documents, even with quality inconsistency, are automatically binarized using a single setting.

The exceptionally high scanning speed, dust-protected and encapsulated optical components and the absence of consumables characterize this highly efficient production-ready device. With 50,000 hours lifetime of the LED illumination it consistently guarantees an accurate image quality.

The large format scanner WideTEK 42 is an efficient solution distinguished by fast processing and nearly no consumables guaranteeing low cost, efficient production with a quick return on investment.

With a life expectancy of over one million scans, the WideTEK 42 redefines the price/performance ratio in the wide format scanner market.

WideTEK scanners

designed to make your work pleasant



High resolution scan results of detailed documents

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

S2E Scan2EDIT

Scan and process images in a single step

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

Document Formats	Autoformat Size Recognition DIN, ANSI Formats up to 42 x 18000 inches
Scan Width	up to 42 inches (1070 mm)
Document Width	up to 50 inches (1270 mm)
Document Thickness	up to 3 mm
Optical Resolution	1200 x 600 dpi
Scan Speed (24 Bit Color)	1200 x 1200 dpi 0,7 inch/s (1,1 m/min) 600 x 600 dpi 1,4 inch/s (2,2 m/min) 300 x 300 dpi 5,6 inch/s (8,6 m/min) 150 x 150 dpi 8,3 inch/s (12,6 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	4 x CCD camera, 91200 pixel, hermetically sealed camera
Dimensions (H x W x D)	42 x 55 x 22 inches (1070 x 1399 x 555 mm)
Weight	approx. 160 lbs (72 kg)
Electrical Connection	100-240 V AC, 50/60 Hz
Power Consumption	6 W (stand-by), 115 W (ready to scan), 210 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	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

WEEE
RoHS

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