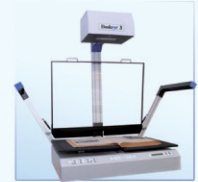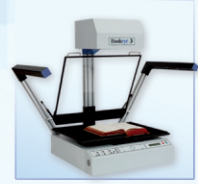# WideTEK 48

Creative Technology. Fast Scans. Brilliant Results.

Affordable 48 inch high resolution CCD scanner for excellent image quality at production speeds

- ☐ Fastest color scanning at 9.3 inches per second (14.2 m/min)
- ☐ 1200 dpi resolution
- ☐ LED illumination - no warm up time, 50,000 hours lifetime
- ☐ Fully operable and configurable via touchscreen
- ☐ Network scanning using any web browser
- ☐ Integrated walk-up scanning software
- ☐ Scan to FTP, SMB, USB, email
- ☐ Perfect for AEC, media clipping, and GIS applications
- ☐ Up to 5 years extended warranty, free spare parts and more

REPRO PRODUCTS

CAD Software ♦ Imaging Solutions ♦ Document Management

Image Access

WideTEK 48

The wide format color scanner for documents up to 48 inches in width (1220 mm)

The innovative wide format scanner WideTEK 48 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 a resolution of 1200 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 touchscreen.

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 2.5 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 48

Effective and cost-efficient scanning of transparent documents

Easy to install - the white backplate

For digitization 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 48 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 48 redefines the price/performance ratio in the wide format scanner market.

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 and ANSI formats, Up to 48 x 18000 inches
Scan Width	Up to 1220 mm (48 inches)
Document Width / Thickness	Up to 1270 mm (50 inches) / Up to 2.5 mm (0.1 inch)
Document Size	Up to 1270 mm (50 inches) wide, up to 500 m (20,000 inches) long
Paper Path	Face up, Front entry, Front or rear exit
Resolution	1200 dpi
Scan Speed (24 Bit Color / BW)	24 bit: 1200 dpi 1.2 m/min (0.8 inch/sec) BW: 1200 dpi 1.2 m/min (0.8 inch/sec) 600 dpi 2.4 m/min (1.6 inch/sec) 600 dpi 2.4 m/min (1.6 inch/sec) 450 dpi 2.4 m/min (1.6 inch/sec) 450 dpi 2.4 m/min (1.6 inch/sec) 400 dpi 3.5 m/min (2.3 inch/sec) 400 dpi 14.2 m/min (9.3 inch/sec) 300 dpi 9.4 m/min (6.2 inch/sec) ≤ 400 dpi 14.2 m/min (9.3 inch/sec) 200 dpi 14.2 m/min (9.3 inch/sec)
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	4 x Tri-Color CCD camera, 91,200 pixel, encapsulated and dust-proof
Dimensions (H x W x D)	Scanner: 220 x 1399 x 555 mm (9 x 55 x 22 inches)
Weight	Scanner: approx. 56 kg (123 lbs), Scanner incl. Floorstand: approx. 77 kg (170 lbs)
Electrical Connection	100-240 V AC, 50/60 Hz
Power Consumption	0.1 W (Sleep) / 4 W (Standby) / 70 W (Ready to scan) / 110 W (Scanning)
Temperature / Relativ Humidity	+5 to +40 °C, +40° to +105 °F / 20 to 80 % (non-condensed)
Noise Levels	< 35 dbA (Scanning) / < 25 dbA (Standby)
Accessories	Floorstand with Table for external Monitor, White Backplate, Foot Switch, Clear Envelope
Options	Batch Scan Wizard (incl.), Scan2iPF, Scan2PDF, Scan2EDIT, 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, EN 60950-1, ANSI/UL 60950-1, CAN/CSA C22.2 60950-1 FCC 47 Part 15 - Class B, EN 55022 - Class B with EN 61000-3-x, EN 55024 with EN 61000-4-x

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