COVERGOLD

WideTEK® 44/48

Wide format scanning and secure job management for production.

Widest color gamut in the industry.



Wide format scanning at its finest
Fastest scanner with 4 CCD cameras
Made in Germany at affordable prices

COVERGOLD

Safely scan historical and other large format documents at high speeds; up to 48 inches and with an image quality you have to experience yourself.

*Using the latest camera technology this scanner exceeds all criteria set forth in the FADGI *** guidelines and ISO 19264-1 level B.*

Sturdy design, highest quality and unrivaled speed



- SCANS UP TO 44 / 48 INCH WIDTHS
- FADGI AND ISO 19264-1 COMPLIANT
- ENDLESS SCANNING - SCAN UNLIMITED LENGTHS TO MULTIPAGE PDF
- CAPTURES 3D SURFACES, TEXTURES OF VARIOUS MATERIALS, BRAILLE PRINT
- FASTEST COLOR SCANNING, 15 INCHES PER SECOND @ 150 DPI
- 1200 x 1200 DPI SCANNER RESOLUTION
- LARGE WVGA COLOR TOUCHSCREEN FOR SIMPLIFIED OPERATION
- FACE UP SCANNING
- AUTOMATIC CROP AND DESKEW
- INTEGRATED 64BIT LINUX, INTEL I3, QUAD CORE, 8 GB RAM, 320GB HDD
- EXTERNAL 22 INCH TOUCHSCREEN
- VIRTUAL RESCAN, MODIFY IMAGES WITHOUT RESCANNING
- OPTIONAL WHITE BACKGROUND FOR SEPIAS
- EASY INSTALLATION VIA SCAN2NET® TECHNOLOGY

Redesigned! Easy to use walk up scanning for large formats
Gentle archival of historical and fragile documents

WideTEK® 44 and WideTEK® 48 wide format CCD scanners digitize documents up to 44 or 48 inches wide (1118 or 1220 mm) quietly and at astonishingly fast speeds. These CCD devices are perfect for large format scanning in offices or for production service providers scanning high volumes.

WideTEK® 44/48 gently scans due to special transport rollers that serve as pressure points ensuring safe document transport. For historical and fragile documents, this is critical. The new, unique background drum does not touch the glass plate at any time, avoiding scratches and document skews. To achieve extra contrast on sepias and film based documents, the standard black drum can be easily exchanged with a white drum, with no tools required.

State of the art illumination using bright white LEDs guarantees a long lifetime and low cost of ownership, since there are practically no consumables necessary over the life of the product. Cutting edge camera technology, with a dust-protected, fully sealed camera box holding CCD systems that use a patented stitching procedure, delivers a scanner resolution of up to 1200 dpi.

Further highlights that make the WideTEK® 44 / 48 scanner the right choice for every application:

- Scan2USB – Walk up scanning to a USB device
- Scan2Print – Copy to networked printers or hot folders
- Scan2Pad® – Operation via tablets or other mobile devices
- Scan2Network – Output to network resources, SMB, FTP
- Large WVGA color touchscreen for simplified operation
- Output formats: PDF, PDF/A, JPEG, TIFF, PNM, multipage PDF and TIFF, DICOM and many more
- OS independent, runs with Windows 7, 8, 10, Linux, Mac
- ScanWizard uses any browser: IE, Safari, Chrome, Firefox
- Remote maintenance, troubleshooting and firmware updates
- Wide color gamut, supports sRGB, Adobe RGB, native RGB

Options:

- Batch Scan Wizard for high volume scanning
- 22” Full HD touchscreen
- Full Coverage Warranty – Up to 5 years, free spare parts & more





WideTEK® 44 is a smart investment. Scan 44 inch wide documents now and later upgrade to a WideTEK® 48 for 48 inches of scanning width.

Markets and Applications

WideTEK® 44/48 is a valuable production device for numerous markets.

WideTEK® 44/48 Markets

- Architecture, Engineering, Construction, CAD
- Copy Services, Reprographics
- Mapping Services, GIS
- Media Control, Press Clipping Services
- Universities, Libraries, Registries

The applications are many and diverse. WideTEK® 44/48 fits nearly any application where you need wide format and production speeds.

WideTEK® 44/48 Applications

- Scanning maps, color posters, display graphics,
- Archiving artwork, photographs
- Archiving newspapers, periodicals, catalogs and magazines
- Archiving blueprints and sepias
- Scanning drafts and advertising, photos.

Scan2Net®

The Scan2Net® platform is the technological foundation of all WideTEK® and Bookeye® scanners from Image Access. It replaces the proprietary scanner drivers and software that traditional scanners require with the fastest common, nonproprietary inter-device connection available: TCP/IP over Ethernet. With network interface speeds much higher than USB 2.0 or USB 3.0 scanners, Scan2Net® devices are able to reach unrivaled performance at extremely low connectivity cost.

Scan2Net® scanners feature a 64bit Linux based operating system, dedicated to scanner specific imaging and mechanical control tasks, maximizing scanning speeds and performance.

Scan2Net® Advantages

- 64bit Linux based computer, fast and virus protected
- Easy integration into existing network structures
- Only a single IP address is required to run the scanner
- Integration and remote access via the Intranet or even the Internet
- Scans directly to SMB, FTP, hot folders, USB, Email or the Cloud without external PCs
- Simple, intuitive operation, Java and HTML based
- Clear menu structure, operation via touchscreen, acoustical feedback
- Multilanguage support, customizable user interface

TECHNICAL DATA

Maximum Document Size	1270 mm (50 inch) width, for maximum length see Technical Specifications
Maximum Scan Width	WideTEK® 44: 1118 mm (44 inch) / WideTEK® 48: max. 1220 mm (48 inch)
Document Thickness	Max. 3.0 mm (0.1 inch)
Scanner Resolution / Optical Resolution	1200 x 1200 dpi (optionally 9600 dpi interpolated) / 1200 x 600 dpi
Speed 24 bit Color, full width	200 dpi – 17 m/min (11.2 inch/s), 300 dpi – 11.4 m/min (7.5 inch/s)
	600 dpi – 4.6 m/min (3 inch/s), 1200 dpi – 2.3 m/min (1.5 inch/s)
Speed 8 bit Grayscale, full width	Same as color
Color Depth	48 bit color, 16 bit grayscale
Scan Output	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
File Formats	Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG)
	AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data
ICC Profiles	Embedded for sRGB, Adobe RGB and native. Individual profiling via web based Scan2ICC subscription
Quality	Exceeds FADGI *** guidelines, ISO 19264-1
Camera	Four Tri-color CCD cameras, 90,000 pixels, encapsulated and dust-proof
Light Source	Two lamps with 204 white LEDs each, no IR/UV emission
Computer	64 bit Linux, Intel i3, quad core processor, 8 Gigabyte RAM, 320GB HDD for very long scans
Touchscreen / Monitor	7 inch color touchscreen / 22 inch touchscreen with arm (included in the bundle)
USB Port	1 USB Port 3.0
Interface	1 GBit Fast Ethernet with TCP/IP based Scan2Net® Interface
Dimensions	228 x 1425 x 507 mm (9 x 56.1 x 20 inch) (H x W x D)
Weight	53 kg / 117 lbs.
Electrical Connection	100-240 V AC, 47 - 63 Hz, (external power supply, complies with ECO standard CEC level V)
Power Consumption	< 0.5 W (Sleep) / 6.5 W (Standby) / < 60 W (Ready to scan) / < 120 W (Scanning)
Operating Temperature	5 to 40 °C, 40 to 105 °F
Relative Humidity	20 to 80 % (non-condensing)
Noise	< 35 dB(A) (Scanning) / < 25 dB(A) (Standby)
Approvals	ANSI/UL 60950-1, CAN/CSA C22.2 No. 60950-1; IEC 60950-1; GB4943.1-2011, GB9254-2008,
	GB17625.1-2012; IS 13252-1:2010; EN 55022, EN 55024; FCC 47 Part 15

COVERGOLD LIMITED

39 Tenter Road, Moulton Park
Northampton, NN3 6AX
Tel: 01604 490300
email: info@covergold.co.uk
www.covergold.co.uk

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