WideTEK®36 Art

The Art of Art Scanning

for all formats up to

914 x 2224 mm (36 x 87.6 inch)

WideTEK 36ART

Contact free scanning at 600 dpi.
The art of art scanning!

Image Access

- CONTACT-FREE SCANNING OF FRAGILE MATERIAL OR EVEN WET ARTWORK

- SCANS UP TO 914 X 1524 MM / 36 X 60 INCHES WIDE OPTIONAL SCAN TABLE EXTENSION TO 700 MM POSSIBLE (914 X 2224 MM / 36 X 87.6 INCH)

- FADGI AND ISO 19264-1 COMPLIANT

- MAXIMUM SCAN HEIGHT OF 100 MM / 4 INCHES

- DOCUMENT THICKNESS OF 200 MM / 8 INCHES

- FASTEST COLOR SCANNING AT 42.2 MM/S / 1.66 INCH/S @ 300 DPI

- FASTEST 3D TEXTURE COLOR SCANNING AT 21.1 MM/S / 0.83 INCH/S @ 300DPI

- 600 x 600 DPI OPTICAL RESOLUTION

- CAPTURES 3D SURFACES, TEXTURES OF VARIOUS MATERIALS

- CONTACT-FREE SCANNING OF FRAGILE MATERIAL OR EVEN WET ARTWORK

- SCAN2PAD®, USE ANY PAD TO OPERATE THE SCANNER

- SCAN TABLE CAN BE MOVED MANUALLY OR MOTORIZED

- INTEGRATED 64BIT LINUX, INTEL I3 QUAD CORE, 8 GB RAM, 320GB HDD

- GIGABIT TCP/IP NETWORK INTERFACE

- LARGE 15 INCH COLOR TOUCHSCREEN FOR SIMPLIFIED OPERATION

- VIRTUAL RESCAN, MODIFY IMAGES WITHOUT RESCANNING

Enables contact free scanning of works of art like oil and acrylic paintings, watercolors, charcoal and pastel drawings, mixed media collages and antique works of art; at 600dpi in formats up to 914 x 2224mm / 36 x 87.6 inches with the optional scan table extension.

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

Perfecting the Art of Art Scanning

WideTEK® 36ART fine art scanner

The WideTEK® 36ART-600 enables contact free scanning of works of art like oil and acrylic paintings, watercolors, charcoal and pastel drawings, mixed media collages and antique works of art, with or without frames, gently and in high resolution.

With its patent pending laser focusing, the WideTEK 36ART captures all surface textures, from the finest stroke of the brush to gouache painting techniques. Originals are scanned with up to 600 x 600 dpi optical resolution and ICC profiles can be easily used with the scanner to guarantee truly correct colors in the scanned image.

Objects being scanned are driven fully automatically under the CCD scan lines, without the surface of the objects coming into contact with the scanner. Due to this scanning technique, the WideTEK® 36ART digitizes surfaces up to 100 mm high, whereby the scan objects can be up to 200 mm in total. A framed work of art can be scanned directly without taking it out of the frame first. A painting can be scanned even if it is are still wet, as long as it is framed or the sides are dry enough to place the artwork on the scanning bed. Cool UV and IR-free LED illumination also protects valuable art from color distortion or damage due to excessive exposure to light. Optionally, a scan table extension of 700 mm is possible which allows originals up to a length of 2224 mm (87.6 inch) to be scanned. A special laser focus helps the user to set the optimal position of the scan head.

In cooperation with large format printers from HP, Canon and EPSON, the WideTEK® 36ART-600 fine art scanner brings the basis for professional art reproduction. Native printer drivers installed on the scanner make color accuracy on the resulting image even higher.

The WideTEK® 36ART-600 was designed for archiving and reproduction of works of art. Museums can digitize their own collection for sale as a print or for publication on the internet or in catalogs. Reprography specialists can offer fine art digitization as a service, which has already proven to be a lucrative market.

WideTEK® 36ART Further highlights

- Output formats: PDF, PDF/A, JPEG, TIFF, PNM, multipage PDF and TIFF, DICOM and many more
- Authenticity of colors
- UV and IR-free LED lighting
- Geometrical accuracy
- Large color space: supports sRGB, Adobe RGB, native
- ICC color profile
- Scan2USB – Walk up scanning to a USB device
- Scan2Network – Output to network resources, SMB, FTP
- Virus resistant Linux – OS
- Remote maintenance and analysis
- Firmware updates via web interface

WideTEK® 36ART Markets
- Scanning artwork of all types and textures
- For museums, art dealers, auction houses, archives and libraries
- Scanning and texture recognition of surfaces for the industrial sector

WideTEK®36ART-600 scans artwork up to 200 mm (8 inch) in thickness

---

Markets and Applications
The WideTEK® 36ART wide format CCD fine art scanner is a valuable production device for the following markets and applications. This list is neither complete nor exclusive, there are more markets and applications than listed and it should be taken only as a general guideline. If you have a specific application that is not listed here, please check with your sales representative.

WideTEK® 36ART Markets
- Museums, Galleries, Exhibitions
- Copy Services, Reprographics
- Government, Archives, Special Collections
- Universities, Libraries, Fine Art Owners
- Textile, Floor Cover and Building material industries

WideTEK® 36ART Applications
- High quality replica production of artwork for sale in auction houses
- Preservation of artwork as special collections in museums
- Presentation of artwork in public and/or private catalogs, prints, websites
- Industrial quality control of textured heavy, thick or wet material
- Presentation of other material in public and/or private catalogs, websites
- Scanning artwork for display as a security, anti-theft measure

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	914 x 1524 mm (36 x 60 inches) with optional scan table extension 914 x 2224 mm (36 x 87.6 inches)
Maximum Scan Heights	100 mm (4 inch)
Document Thickness	200 mm (8 inch) E.g. Canvas up to max. 100 mm in a frame up to 200 mm thickness
Optical Resolution	600 x 600 dpi
Scan Speed Color	300 dpi - 42.2 mm/s (1.66 inch/s), 600 dpi - 21.1 mm/s (0.83 inch/s)
Scan Speed Color 3D	300 dpi - 21.1 mm/s (0.83 inch/s), 600 dpi - 10.7 mm/s (0.42 inch/s)
Color Depth	48 bit color, 16 bit grayscale
Scan Output	24 bit color, 8 bit color indexed, 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
Quality	Exceeds FADGI *** guidelines, ISO 19264-1
Camera	3x Tri-Color CCD, 67.500 pixels, encapsulated and dust-proof
Light Source	Two lamps with white LEDs, integrated optical diffusor, no IR/UV radiation
Computer	64 bit Linux, Intel i3, quad core processor, 8 Gigabyte RAM, 320GB HDD for extra large jobs
Touchscreen / Monitor	15 inch color touchscreen
USB Port	1 USB Port 3.0
Interface	1 GBit Fast Ethernet with TCP/IP based Scan2Net® Interface
Dimensions Scanner (H x W x D)	with runway: 1380 x 3275 x 1280 mm (54.3 x 128.9 x 50.4 inches)
	without runway: 1380 x 690 x 1280 mm (54.3 x 27.2 x 50.4 inches)
	Scan table: 1000 x 2100 mm (39.4 x 82.7 inches)
Weight Scanner / scan table	200 kg (440 lbs.) / 22,5 kg (50 lbs.)
Electrical Connection	100 – 240 Vac, 47 – 63 Hz (external power supply, complies with ECO standard CEC level VI)
Power Consumption	< 0.5 W (Sleep) / 5.2 W (Standby) / < 50 W (Ready to scan) / < 110 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	IEC/EN 62368-1:2014 (Ed. 2), UL/CSA 62368-1:2014 Ed.2, EN 55022, EN 55024; FCC 47 Part 15

Visit our homepage!