

# WideTEK® 48ART



## Scanning Speed

The WideTEK 48ART scanners always scan in full color. This produces the best possible images. Scanning speed in texture mode is reduced to 50%.

300 dpi, 24bit color	42.2 mm/s (1.66 inch /s)
300 dpi, 24bit color, 3D texture mode	21.1 mm/s (0.83 inch /s)
600 dpi, 24bit color	21.1 mm/s (0.83 inch /s)
600 dpi, 24bit color, 3D texture mode	10.7 mm/s (0.42 inch /s)

## Optical System

Maximum Document Size	1219 x 2032 mm (48 x 80 inches). Suitable for almost all commercially available canvas formats.
Optical Resolution	1200 x 1200 dpi
Pixel Dimension	9,3 x 9,3 µm
Sensortype	5x CCD cameras, 112,500 pixels, encapsulated and dust-proof
Color Depth	48 bit color (internal resolution) 16 bit gray scale (internal resolution)
Scan Modes	24 bit color, 8 bit indexed color, 8 bit grayscale, bitonal, enhanced halftone
File Formats	Multipage PDF (PDF/A) und TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data and more

## Illumination System

Light Source	Two linear lamps with white LEDs
Warm-up Time	None. Max. brightness immediately after switch-on.
Temperature Dependency	None
UV / IR Emission	None
Lamp Lifetime	50,000 hours typical. Lamps are covered by the Extended Warranty Option

## Electrical Specifications

### External Power Supply

Input Voltage	100 – 240V AC
Frequency	47 – 63 Hz
Ambient Temperature	5 to 40 °C
Relative Humidity	20 to 80% (non-condensing)
ECO Standard	CEC level VI

### Scanner

Voltage	24 VDC
Current	Max. 5 A

### Power Consumption

P <sub>(Off)</sub>	0.3 W
P <sub>(Sleep)</sub>	4.7 W
P <sub>(Ready)</sub>	70 W
P <sub>(Active)</sub>	120 W

61% below [ENERGY STAR requirements](#)

[Image Access FAQ](#)

## Documents Specification

Maximum Scan Heights	140 mm (5.5 inch)
Document Thickness	Up to 240 mm (9.5 inch) E.g. Canvas up to max. 140 mm (5.51 inch) in a frame up to 240 mm (9.45.inch) thickness
Maximum permissible document weight	30 kg (66 lbs.)

## Dimensions and Weight

Dimensions scanner, scantrack assembled (W x D x H)	3260 x 1900 x 1380 mm (128.5 x 75 x 54.5 inches). Requires 4300 mm (170 inch) wall to wall
Dimensions scan table (W x D x H)	1610 x 2400 x 25 mm (63.4 x 94.5 x 1 inches). Supplied in two parts 1350 mm & 1200 mm (53.15 & 47.25 inches)
Weight of Scanner	200 kg (440 lbs.)
Dimension Shipping Crate (W x D x H)	2000 x 800 x 1600 mm (79 x 31.5 x 63 inches)
Scanner Weight, Ready to Ship	300 kg (660 lbs.)

## Ambient Conditions

Operating Temperature	5 to 40 °C (40 to 105 °F)
Storage Temperature	0 to 60 °C (32 to 140 °F)
Relative Humidity	20 to 80% (non-condensing)
Noise	≤ 35 dB(A) (Operating) ≤ 25 dB(A) (Standby)

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