

WideTEK® 36ART



Scanning Speed

The WideTEK 36ART 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	914 x 1524 mm (36 x 60 inches), optional Scan table extension up to 914 x 2224 mm (36 x 87,6 inches)
Optical resolution	600 x 600 dpi
Pixel dimension	9.3 x 9.3 µm
Sensor type	3x Tri-Color CCD, encapsulated and dust-proof
Color depth	16 bit grayscale (internal resolution) 48 bit color (internal resolution)
Sensor resolution	67,500 pixels (3 x 22,500)
Scan modes	24 bit Color, 8 bit indexed 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

Illumination System

Light source	Two lamps with white LEDs, integrated optical diffusor
Warm-up time of the lamps	None. Max. brightness immediately after switch-on.
Temperature dependency	None
UV / IR radiation	None
Lamp life time of the LEDs	50,000 hours (typ.)

Electrical Specifications

External Power Supply

Input Voltage	100 – 240 Vac
Frequency	47 – 63 Hz
Output voltage	24 Vdc
Output current	6,25 A
ECO standard	CEC level VI

Scanner

Input voltage	24 Vdc
Input current	Max. 5 A

Power Consumption

Sleep	≤ 0.5 W
Standby	5.2 W
Ready to scan	< 50 W
Scanning	< 110 W

Documents Specification

Maximum Scan Heights	100 mm (4 inch)
Document Thickness	200 mm (8 inch) Ex: canvas up to max. 100 mm in a frame up to 200 mm thickness
Maximum permissible document weight	10 kg (22 lbs.)

Dimensions and Weight

Scanner outer dimensions with runway (H x W x D)	1380 x 3275 x 1280 mm (54.3 x 128.9 x 50.4 inches)
Scanner outer dimensions without runway (H x W x D)	1380 x 690 x 1280 mm (54.3 x 27.2 x 50.4 inches)
Scan table (W x L)	1000 x 2100 mm (39.4 x 82.7 inches)
Scanner weight	200 kg (440 lbs.)
Scan table weight	22.5 kg (50 lbs.)

Shipping crate dimensions (H x W x D)	1580 x 800 x 1600 mm (63 x 31.5 x 63 inches)
Shipping weight	277 kg (610 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 level	≤ 35 dB(A) (Operating) ≤ 25 dB(A) (Stand-by)

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