WideTEK®24F

Scanning Speed

The scanning speed depends on the resolution alone. WideTEK® scanners always scan in full color, even if bitonal image output is selected. This produces the best possible images. The following matrix shows the scan speed depending on the resolution. Note that there are only two scanning speeds, one is from 150 to 600dpi and the second one is from 601 to 1200dpi.

WT24-F-600 Time 610*457 mm (24*18 inch)

Scan Speed Color	24*18"	@ 1200 dpi	< 8 s
Scan Speed Color	24*18"	@ 600 dpi	< 4 s
Scan Speed Color	24*18"	@ 300 dpi	< 4 s

Optical System

Maximum Document Size	610 x 457 mm (24 x 18 inch)
Scanner Resolution	1200 x 1200 dpi
Optical Resolution	1200 x 600 dpi
Pixel Dimension	9,3 x 9,3 µm
Sensortype	CIS line sensor with long focal selfoc lens, depth of focus > +-1mm @600dpi
Color Depth	48 bit color (internal resolution) 16 bit gray scale (internal resolution)
Scan Modes	24 bit 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	RGB LEDs, with integrated diffusor tested according to IEC 62471, no IR/UV emission
Warm-up Time	None
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

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Operating Temperature	5 to 40 °C (40 to 105 °F)
Relative Humidity	20 to 80% (non-condensing)
ECO Standard	CEC Level VI

Scanner

Voltage	24 V DC
Current	Max. 5 A

Power Consumption

$P_{(Off)}$	0.3W
$P_{(Sleep)}$	4.5W
$P_{(Ready)}$	35W
$P_{(Active)}$	70W

44% below ENERGY STAR requirements   Image Access FAQ

Dimensions and Weight

Scanner Outer Dimensions (H x W x D)	140 x 730 x 900 mm (5.5 x 29 x 36 inch)
Weight of Scanner	28 kg (62 lbs.)
Dimension Transport Box (H x W x D)	250 x 800 x 1000 mm (10 x 31.5 x 40 inch)
Scanner Weight, Ready to Ship	33 kg (73 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	< 42 dB(A) (Operating) < 25 dB(A) (Standby)