

WideTEK WT12-600



Optical System

Scanner resolution	1200 x 1200 dpi
Optical resolution	1200 x 600 dpi
Pixel dimensions	9.3 x 9.3 μm
Sensor type	Tri-color CCD camera
Grayscale resolution	12 bit grayscale (internal resolution)
Color resolution	36 bit color (internal resolution)
Sensor resolution	22,500 active pixels
Scan modes	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
Scan accuracy	Better than $\pm 0.1\%$ across full bed.
File Formats	PDF, PDF/A, JPEG, PNM, TIFF uncompressed, TIFF G4 (CCITT), Multipage PDF, TIFF

Scanning Speed

Scan time, 24bit color, full bed, 300dpi	Less than 3 seconds
Scan time, 24bit color, full bed, 600dpi	Less than 6 seconds
Cycle time 300dpi, all options on	Less than 6 seconds
Cycle time 600dpi, all options on	Less than 13 seconds

Documents Specification

Document size	317 x 470 mm, 12.5 x 18.5 inch
Document weight	Up to 10 kg / 22 lbs.

Illumination System

Light source:	Dual LED lamps with natural light diffusor
Warm-up time	None
Temperature dependency	None
UV / IR emission	None
Lamp life time	50,000 hours (typ.)

Electrical Specifications

External power supply

Input voltage	100 – 240VAC / 2.5A / 47 – 63 Hz
Output voltage	24 V / 6.25 A
ECO standard	CEC level V

Power Consumption

Sleep	≤ 0.5 W
Standby	3.1 W
Ready to scan	38 W
Scanning	55 W

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	≤ 40 dB(A) (operating), ≤ 25 dB(A) (stand-by)

Mechanical Dimensions

Scanner outer dimensions	222 x 440 x 795 mm (H x W x D) 8.8 x 17.4 x 31.3 inch
Weight of scanner	28 kg / 62 lbs.

Transport Box

Dimension of transport box (palette)	360 x 520 x 900 mm (H x W x D) 14.2 x 20.5 x 35.5 inch
Total shipping weight	40 kg / 88 lbs.

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