WideTEK WT12-650

Optical System

Scanner resolution	1200 x 1200 dpi
Optical resolution	1200 x 600 dpi
Pixel dimensions	9.3 x 9.3 µm
Sensor type	2Tri-Color CCD, encapsulated and dust-proof
Color depth	16 bit grayscale (internal resolution) 48 bit color (internal resolution)
Sensor resolution	22,5000 active pixels
Scan modes	24 bit color, 8 bit color indexed, 8 bit grayscale, bitonal, enhanced halftone
Scan accuracy	Better than ± 0.1% over max. scan area
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

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

Illumination System

Light source	Two lamps with white LEDs, integrated optical diffusor
Warm-up time of the lamps	None. Maximum brightness after switching on.
Temperature dependency	None
UV / IR radiation	None
Lifetime 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

Power Consumption

Input voltage	24 VDC
Input current (non fused)	max. 5 A

Power Consumption

Sleep	< 0,5 W
Standby	2,5 W
Ready to scan	28 W
Scanning	55 W

Documents Specification

Document size	313 x 470 mm / 12.3 x 18.5 inch
Document weight	Up to 10 kg / 22 lbs.

Mechanical Dimensions

Scanner outer dimensions	222 x 440 x 795 mm (H x W x D) 8.7 x 17.4 x 31.3 inch
Weight of scanner	28 kg / 62 lbs.

Transport Box:

Dimension of transport box (palette)	500 x 950 x 600 mm (H x W x D) 19.7 x 37.4 x 23.6 inch
Total shipping weight	42 kg / 93 lbs.

Ambient Conditions

Operating temperature during operation	+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 development	≤ 42 dB(A) (scanning), ≤ 32 dB(A) (standby)