

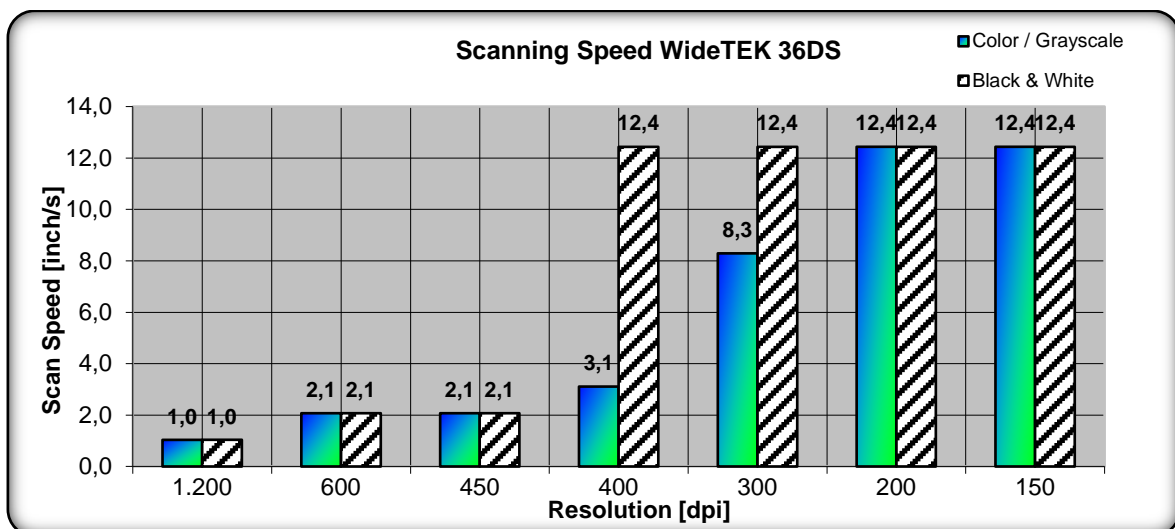
WideTEK WT36DS-300



Scanning Speed

The scanning speed depends on the resolution alone. The WideTEK scanners always scan in full color, even if bitonal image output is selected. This produces the best possible images.

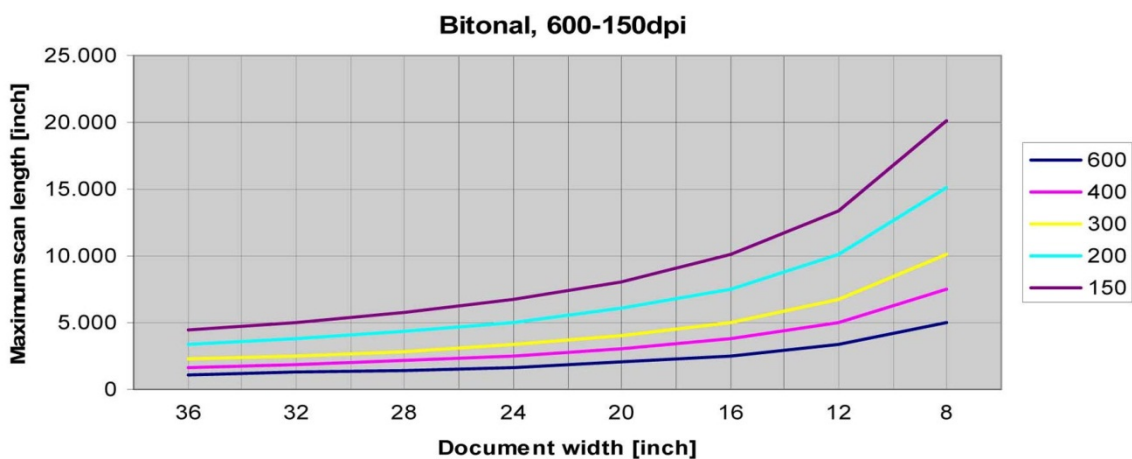
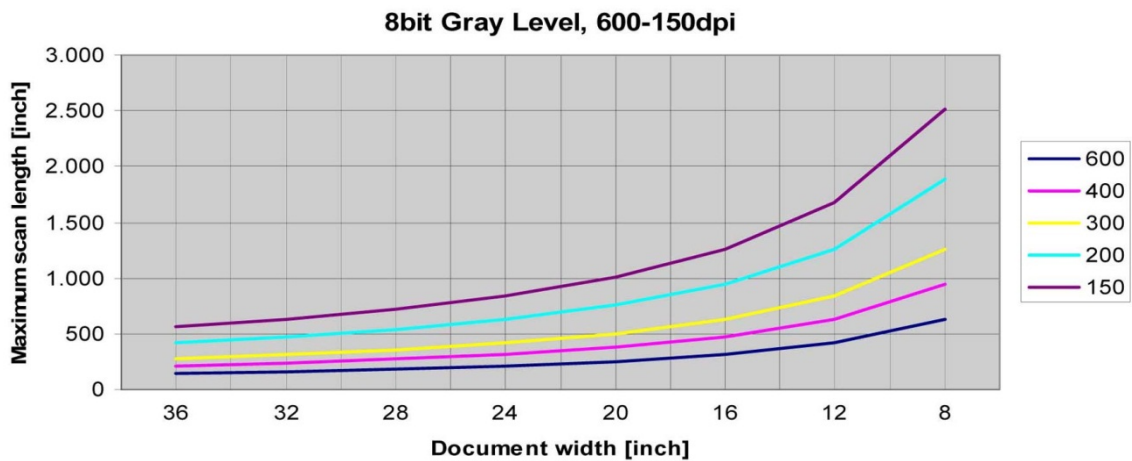
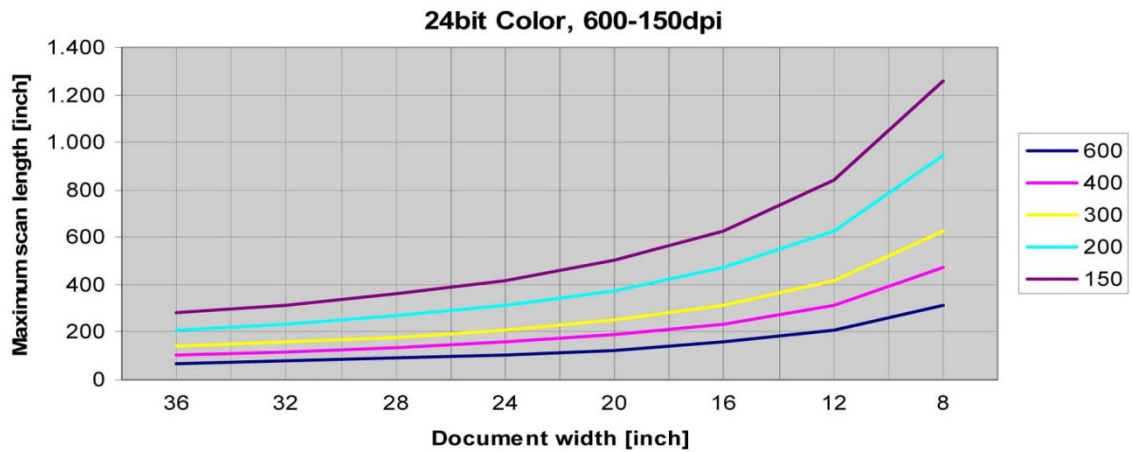
The following table shows the scan speed depending on the resolution.



Relation between Documents Length and Resolution

The maximum document length depends on three factors:

Resolution, color depths and document width. The following tables show their relationship:



Optical System

Maximum document width:	38 inch / 965 mm
Maximum scan width:	36 inch / 915 mm
Scanner resolution	1200 x 1200 dpi
Optical resolution:	1200 x 600 dpi
Pixel dimension	9.3 x 9.3 μ m
Sensor type:	6x Tri-Color CCD, encapsulated and dust-proof
	12 bit grayscale (internal resolution)
	36 bit color (internal resolution)
Sensor resolution:	135,000 pixels (6x 22,500)
Scan modes:	24 bit color, 8 bit indexed color
	8 bit grayscale,
	1 bit Black/White, enhanced halftone

Accuracy and Stitching

Stitching target:	Permanently built-in
Stitching interval:	One measurement per minute minimum
Warm-up time:	None
Accuracy in scan direction :	\pm 0.08% across 36 inch scanning width
Accuracy in transport direction	\pm 0.08% with new transport rollers

Illumination System

Light source:	Four linear lamps with 154 white LEDs each.
Warm-up time:	None. Max. brightness immediately after switch-on.
Temperature dependency	None
UV / IR emission:	None
Lifetime:	50,000 hours (typ.)

Electrical Specifications

This device is Energy Star compliant.



Voltage	100 – 240V AC
Frequency	50/60 Hz

Power Consumption

Sleep	0.1 W
Standby	8 W
Ready to scan, lamps off	120 W
Scanning	200 W

Mechanical Dimensions

Scanner outer dimensions	220 x 1094 x 685 mm (H x W x D) 8.7 x 43 x 27 inch
Scanner outer dimensions (incl. floor stand)	1070 x 1094 x 685 mm (H x W x D) 42.2 x 43 x 27 inch
Weight of scanner	64 kg
Weight of floor stand / incl. paper output tray	17.5 kg / 19.7 kg

Wooden Transport Box:

Weight of transport box	26 kg
Dimension of transport box:	550 x 1300 x 910 mm (H x W x D) 21.7 x 51.2 x 35.8 inch
Total shipping weight	127 kg

Documents Specification

Maximum document size:	965 mm / 38 inch wide, up to 500 m / 20,000 inch long
Maximum scan width:	915 mm / 36 inch
Document weight:	Any. Straight paper path can handle the stiffest documents.
Document thickness:	2.5 mm / 0.1 inch maximum.

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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