

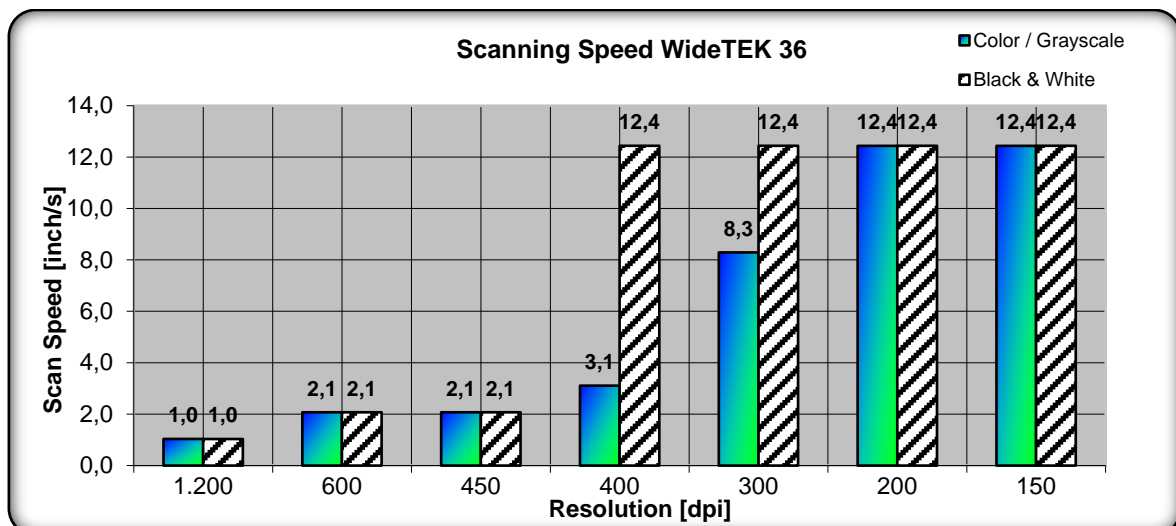
## WideTEK WT36-200



### 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.

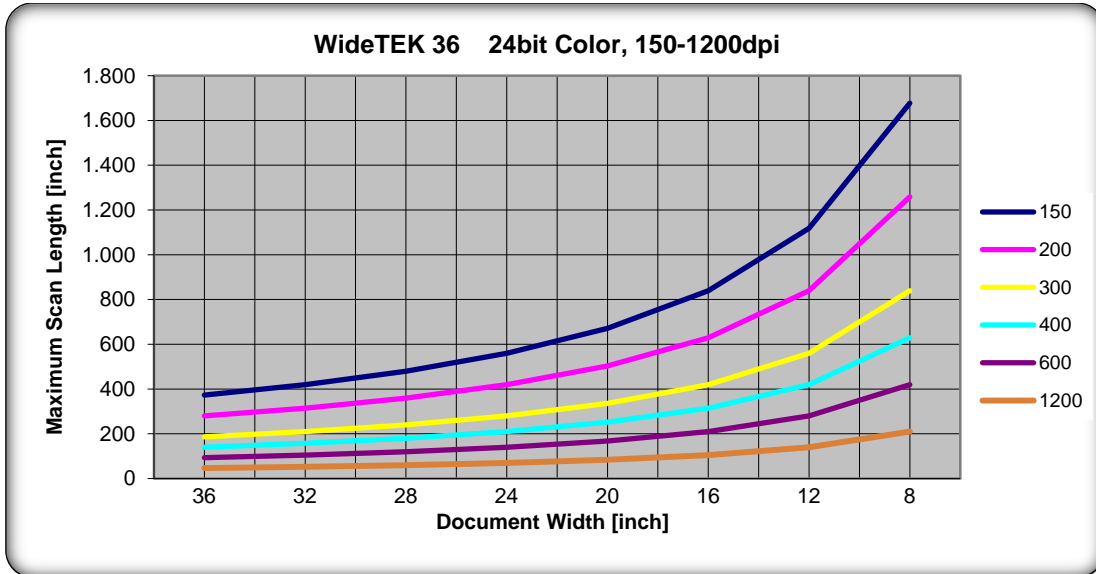


## Relation between Documents Length and Resolution

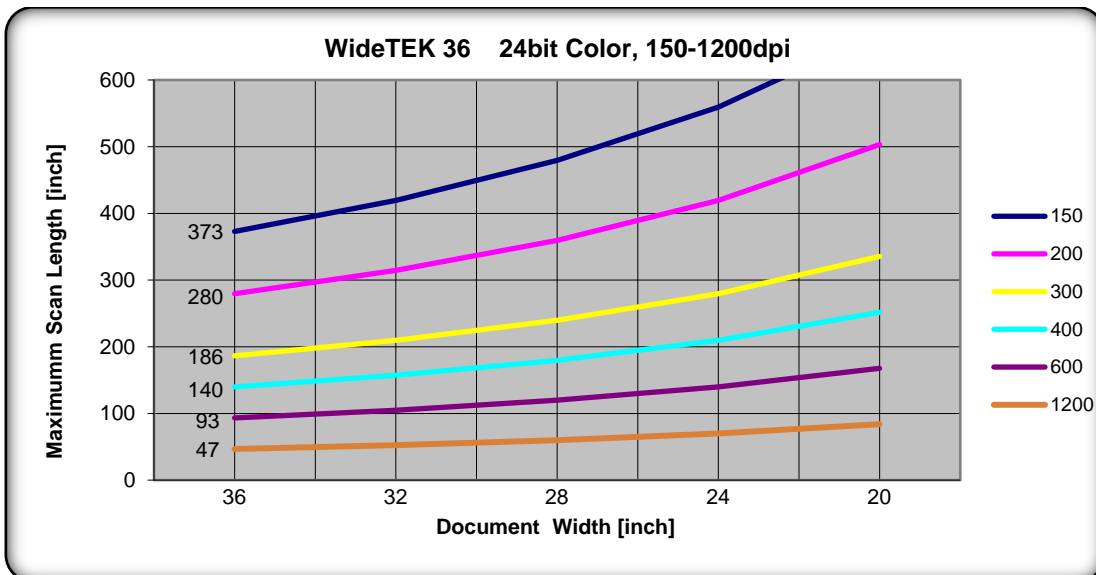
The maximum document length depends on three factors:

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

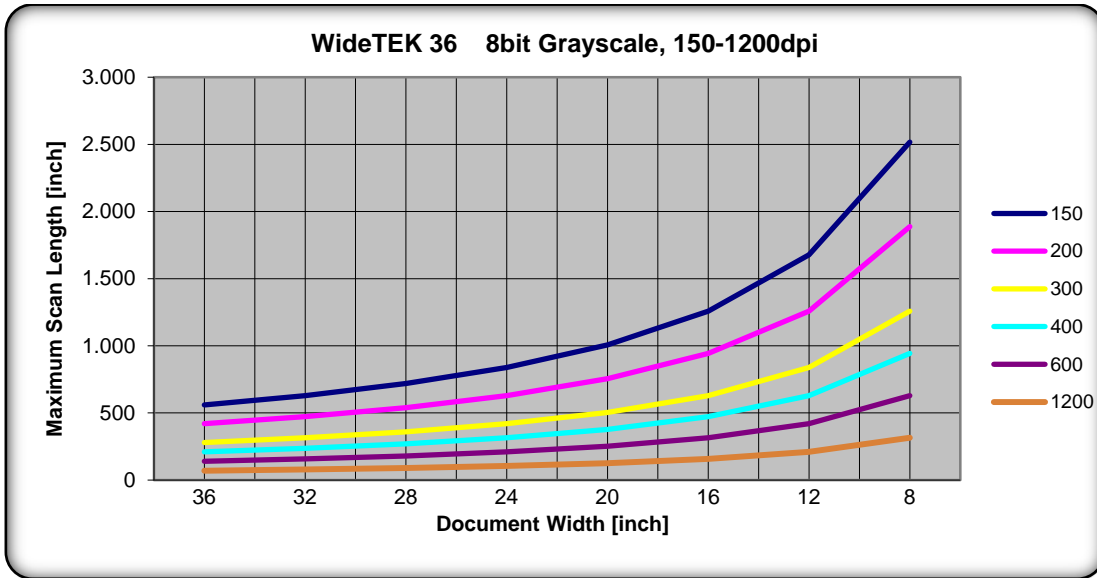
### 24bit Color:



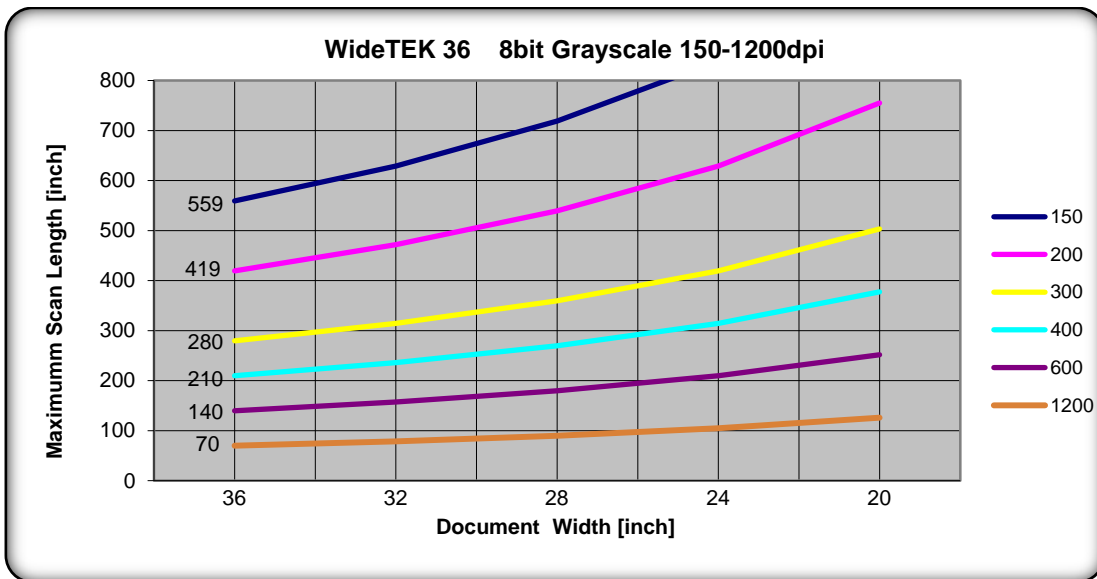
The next diagram shows a zoomed view of the lower left corner of the upper diagram and the minimum scan length for a given resolution.



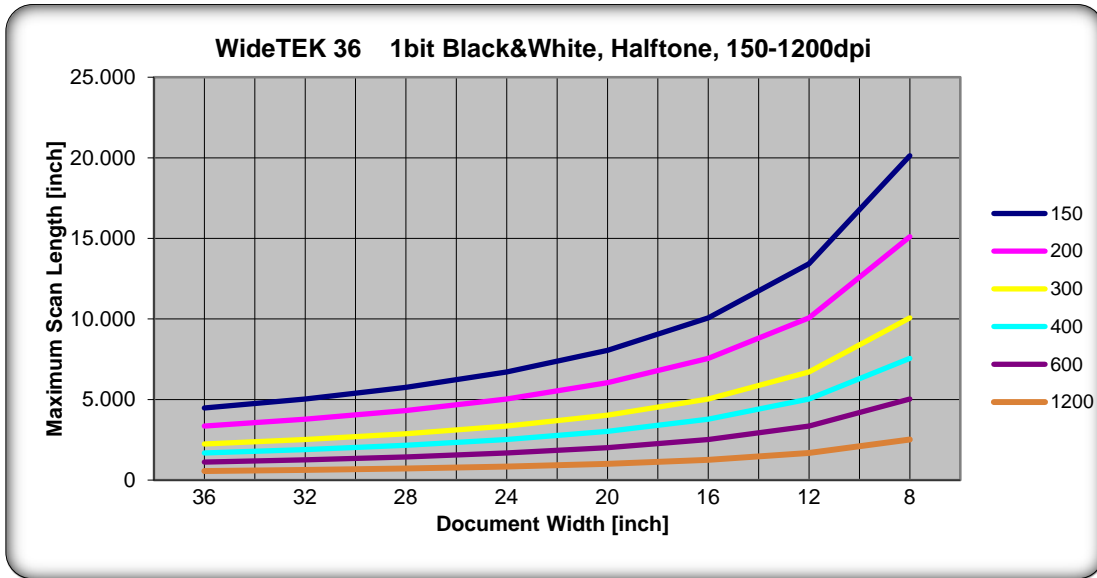
8 bit Grayscale:



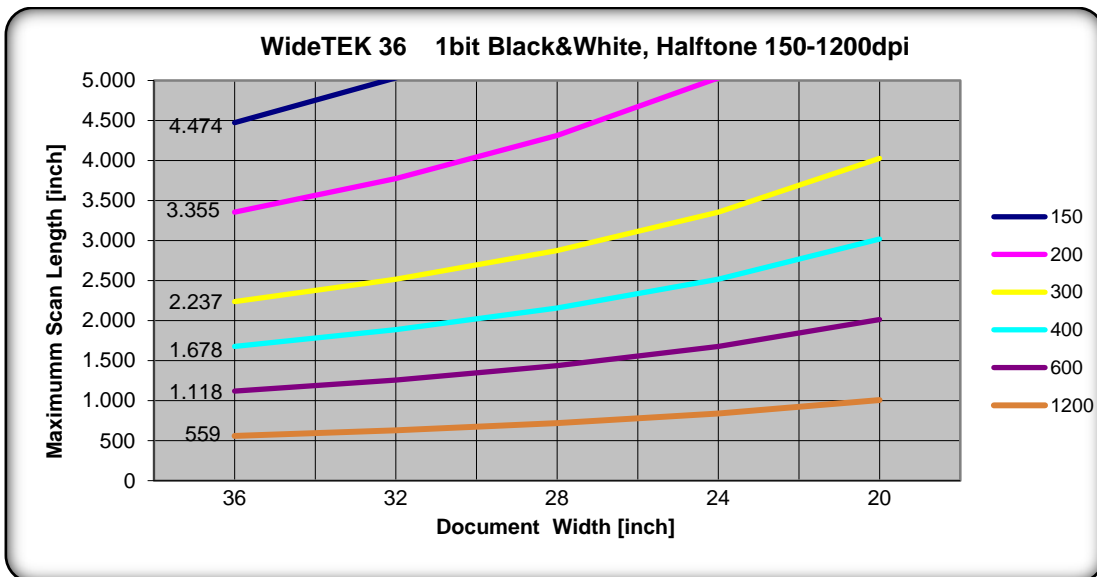
The next diagram shows a zoomed view of the lower left corner of the upper diagram and the minimum scan length for a given resolution.



1bit Black&White, Halftone:



The next diagram shows a zoomed view of the lower left corner of the upper diagram and the minimum scan length for a given resolution.



## Optical System

Maximum document width	38 inch / 965 mm
Scan width	Max. 36 inch / 915 mm
Optical resolution	1200 x 600 dpi
Scan resolution	1200 x 1200 dpi
Pixel dimension	9.3 x 9.3 $\mu$ m
Sensor type	3x Tri-Color CCD, encapsulated and dust-proof
	12 bit grayscale (internal resolution)
	36 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
	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	Two linear lamps with 154 white LEDs each
Warm-up time	None. Max. brightness immediately after switch-on.
Temperature dependency	None
UV / IR emission	None
Lamp life time	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	4 W
Ready to scan, lamps off	60 W
Scanning	110 W

## Mechanical Dimensions

Scanner outer dimensions	220 x 1094 x 555 mm (H x W x D) 8.7 x 43 x 21.9 inch
Scanner outer dimensions (incl. floor stand)	1070 x 1094 x 555 mm (H x W x D) 42.2 x 43 x 21.9 inch
Weight of scanner	46 kg / 101 lbs.
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	540 x 1300 x 745 mm (H x W x D)
Total shipping weight	96 kg

## Documents Specification

Document Size	915 mm / 36 inch wide, up to 500 m / 20,000 inch long
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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