

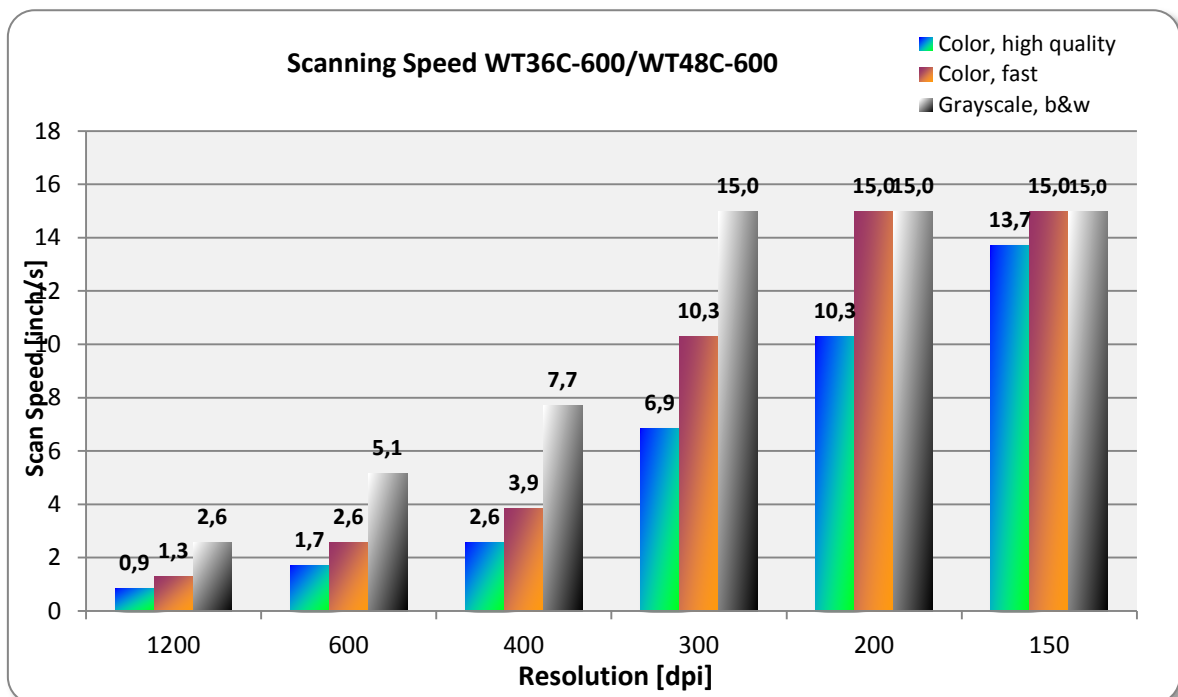
## WideTEK WT48 C-600



### Scanning Speed

The scanning speed depends on the settings for resolution and color depth. In grayscale scanning, the WideTEK scanners use photometric correct white light. This produces the best possible images.

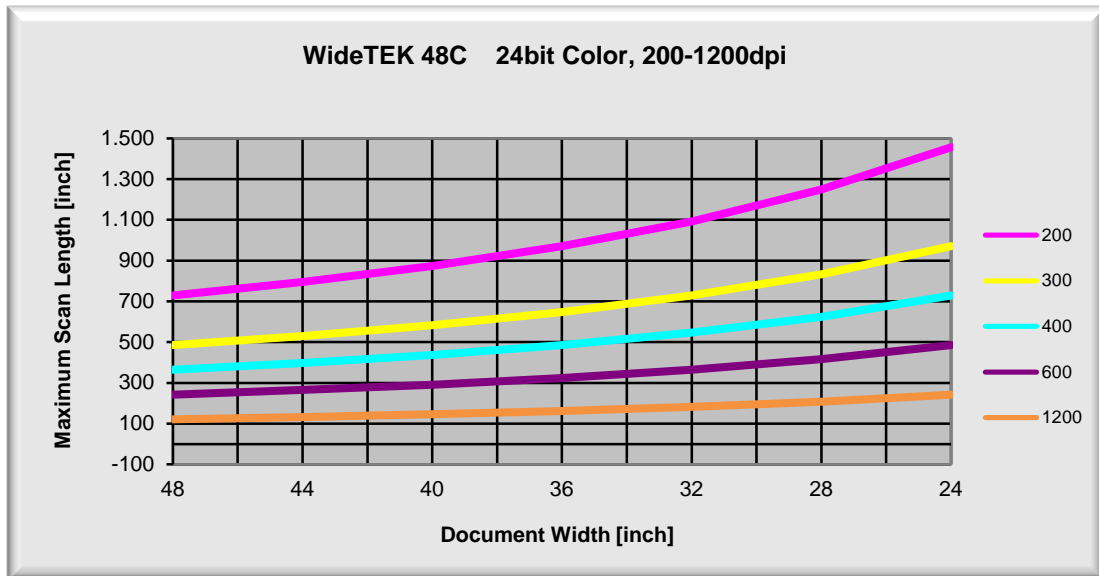
The following table shows the scan speed depending on the resolution.



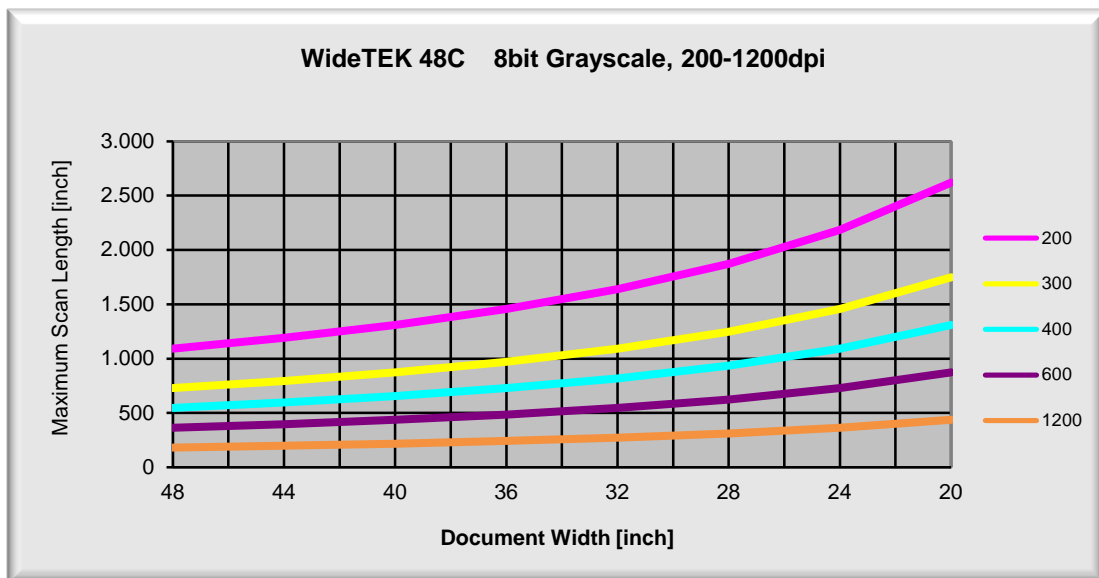
## Relation between Documents Length and Resolution

The maximum document length depends on three factors, resolution, color depths and document width. The WT48C-600 has 8 GB memory build into the scanner, enough to scan a 48" wide document at 300dpi up to a length of 485" or 12.3m. The following tables show the relation between the scanning length, document width, resolution and color depth.

### 24bit Color:



### 8 bit Grayscale:



## Optical System

Maximum document width	50 inches / 1270 mm
Scan width	48 inches / 1219 mm
Maximum document thickness	0.1 inch / 2.5 mm
Scan direction	Face up
Scanner resolution	1200 x 1200 dpi (optionally 9600 x 9600 dpi interpolated)
Optical resolution	1200 x 600 dpi
Pixel dimension	42 x 42 µm
Sensor type	Four dual light CIS modules
Grayscale digitization	12 bit (internal resolution)
Color digitization	36 bit (internal resolution)
Scan modes	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
File Formats	PDF, PDF/A, JPEG, PNM, TIFF uncompressed, TIFF G4 (CCITT), Multipage PDF, TIFF

## Accuracy and Stitching

Accuracy in scan direction	± 0.08% across 48 inch scanning width
Accuracy in transport direction	± 0.08% with new transport rollers

## Illumination System

Light source	Approx. 1350 LEDs on two sides
Warm-up time	None
Temperature dependency	None
UV / IR emission	None
Lifetime	50,000 hours (typ.)

## Electrical Specifications

### External Power Supply

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Inrush current	120 A max / 264 V AC
Efficiency	85 %
Operating temperature	5 to 40 °C / 41 to 104 °F
Operating humidity	10 ... 90 % RH, non-condensing
ECO standard	CEC level V

### Scanner

Voltage	24 V DC
Current	Max. 5 A

### Power Consumption

Sleep	≤ 0.5 W
Standby	4.8 W
Scanning	55 W

## Dimensions and Weight

Scanner outer dimensions	195 x 1430 x 410 mm (H x W x D) 7.7 x 56.3 x 16.1 inches
Scanner outer dimensions (incl. floor stand)	1045 x 1430 x 410 mm (H x W x D) 41.2 x 56.3 x 16.1 inch
Weight of scanner	36 kg / 79.4 lbs.
Weight of floor stand incl. paper catch and monitor arm	31 kg / 68.4 lbs.

### Wooden Transport Box:

Transport dimensions on a pallet	450 x 1600 x 800 mm (H x W x D) 17.7 x 63.5 x 31.5 inch
Total shipping weight	114 kg / 251.5 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 level	< 35 dB(A) (Operating) < 25 dB(A) (Standby)

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