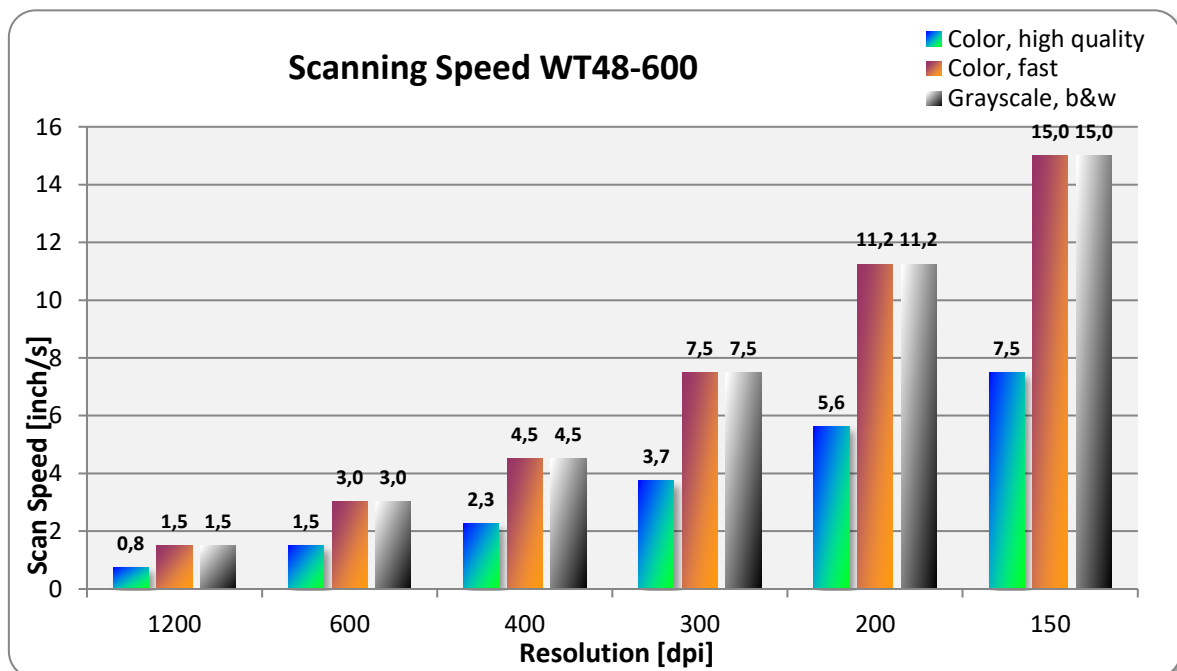


# WideTEK® 48



## Scanning Speed

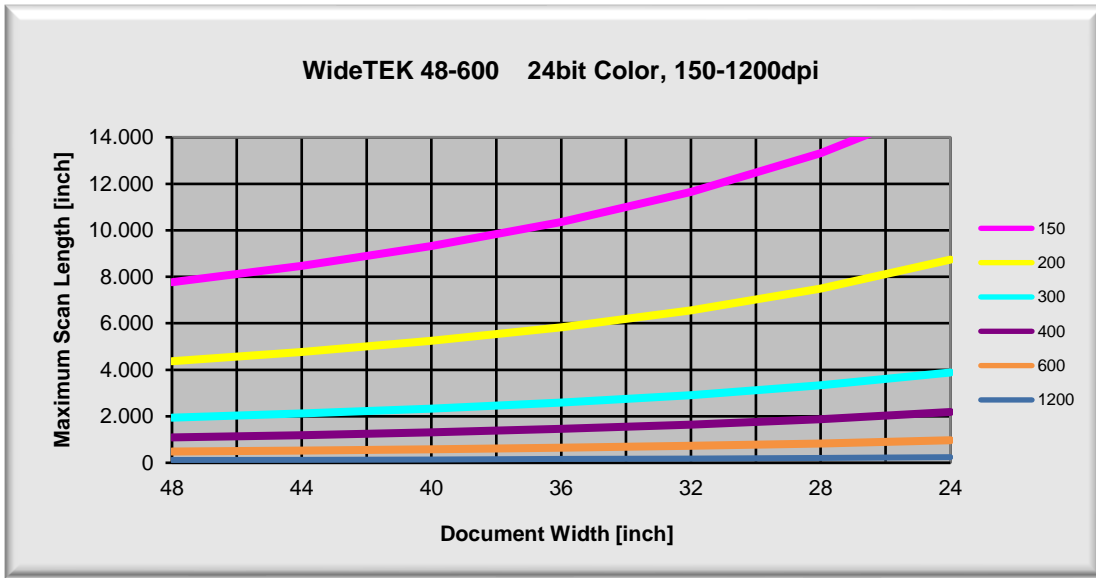
The scanning speed depends on the resolution alone. The WideTEK® scanners always scan in full color, even if bitonal image output is selected. This produces the best possible images. The following table shows the scan speed depending on the resolution.



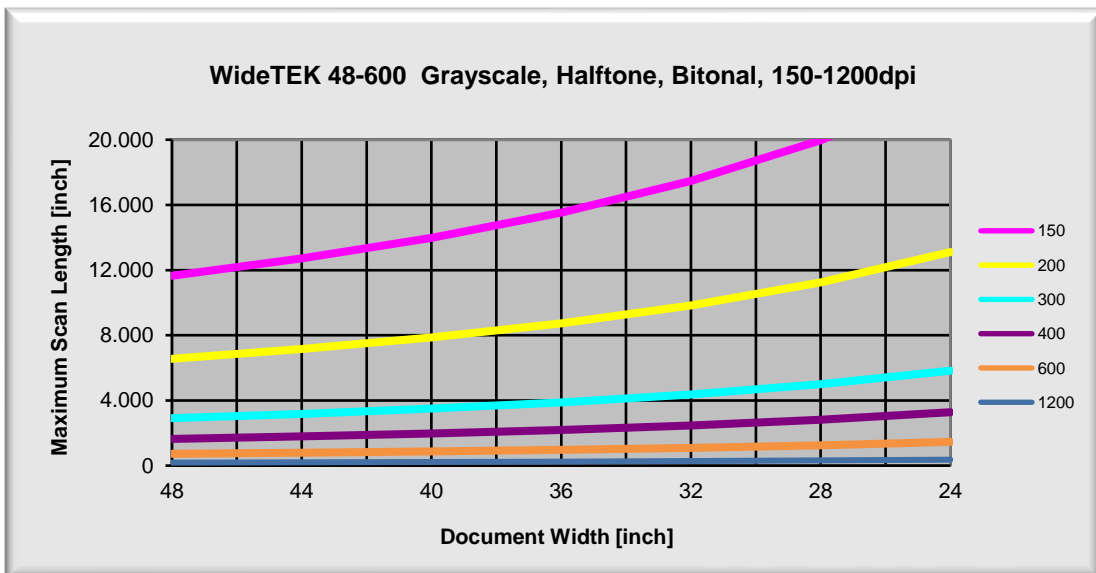
## Relation between Documents Length and Resolution

The maximum document length depends on three factors, resolution, color depths and document width. The WT48-600 has 16 GB memory build into the scanner, enough to scan a 48” wide document at 300dpi up to a length of 1942” or 49 m. The following tables show the relation between the scanning length, document width, resolution, and color depth.

### 24bit Color:



### 8bit Grayscale, Halftone and Bitonal:



## Optical System

Document Width	1270 mm (50 inch)
Scan Width	1220 mm (48 inch)
Scan Direction	Face up
Scanner Resolution	1200 x 1200 dpi (optionally 9600 x 9600 dpi interpolated)
Optical Resolution	1200 x 600 dpi
Pixel Dimension	9.3 x 9.3 µm
Sensor Type	Four Tri-Color CCD, encapsulated and dust-proof
Color Depth	48 bit color (internal resolution) 16 bit gray scale (internal resolution)
Scan Modes	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
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 and more

## Accuracy and Stitching

Stitching Target	Permanently built-in
Warm-up Time	None
Accuracy in Scan Direction	± 0.08% across 48 inch scanning width
Accuracy in Transport Direction	± 0.08%

## Illumination System

Light Source	Two linear lamps with white LEDs, integrated optical diffusor
Warm-up Time	None
Temperature Dependency	None
UV / IR Emission	None
Lamp Lifetime	50,000 hours typ. Lamps are covered by the Extended Warranty Option

## Electrical Specifications

### External Power Supply

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Operating Temperature	5 to 40 °C (40 to 105 °F)
Relative Humidity	20 to 80% (non-condensing)
ECO Standard	CEC level VI

### Scanner

Voltage	24 V DC
Current	Max. 5 A

### Power Consumption

Sleep	< 0.5 W
Standby	6.5 W
Ready to Scan	60 W
Scanning	< 120 W

## Document Specifications

Document Length	Up to 500 m (20.000 inch) <sup>1</sup>
Document Weight	Any. Straight paper path can handle the stiffest documents
Document Thickness	3 mm (0.1 inch) max.

<sup>1</sup> The maximum document length depends on the scan resolution and the scan output.

## Dimensions and Weight

Scanner Outer Dimensions (H x W x D)	228 x 1425 x 507 mm (9 x 56 x 20 inch)
Scanner Outer Dimensions (incl. Floor Stand) (H x W x D)	1070 x 1425 x 507 mm (42 x 56 x 20 inch)
Weight of Scanner	60 kg (132 lbs.)
Transport Box Dimensions (Scanner) (H x W x D)	550 x 1600 x 800 mm (22 x 63 x 31 inch)
Scanner Weight, Ready to Ship	110 kg (243 lbs.)

Transport Box Dimensions (Bundle) (H x W x D)	550 x 1600 x 800 mm (22 x 63 x 31 inch)
Weight of Bundle (Scanner, Floor Stand, Touchscreen)	80 kg (176 lbs.)
Bundle Weight, Ready to Ship	130 kg (287 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	< 35 dB(A) (Operating) < 25 dB(A) (Standby)

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