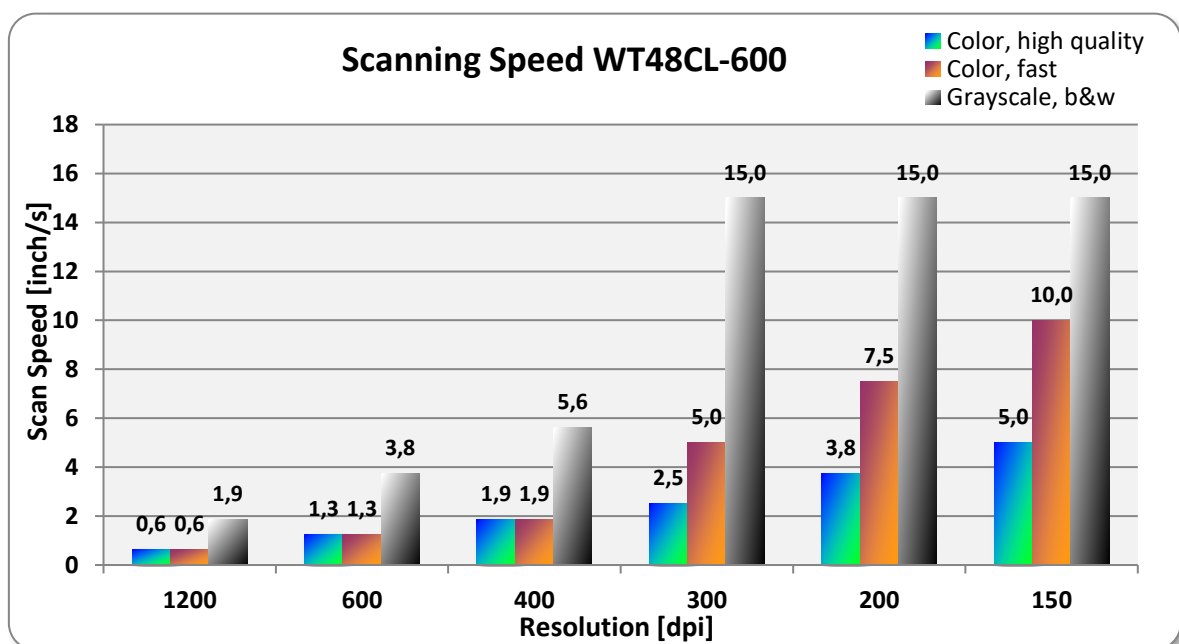


WideTEK® 48CL



Scanning Speed

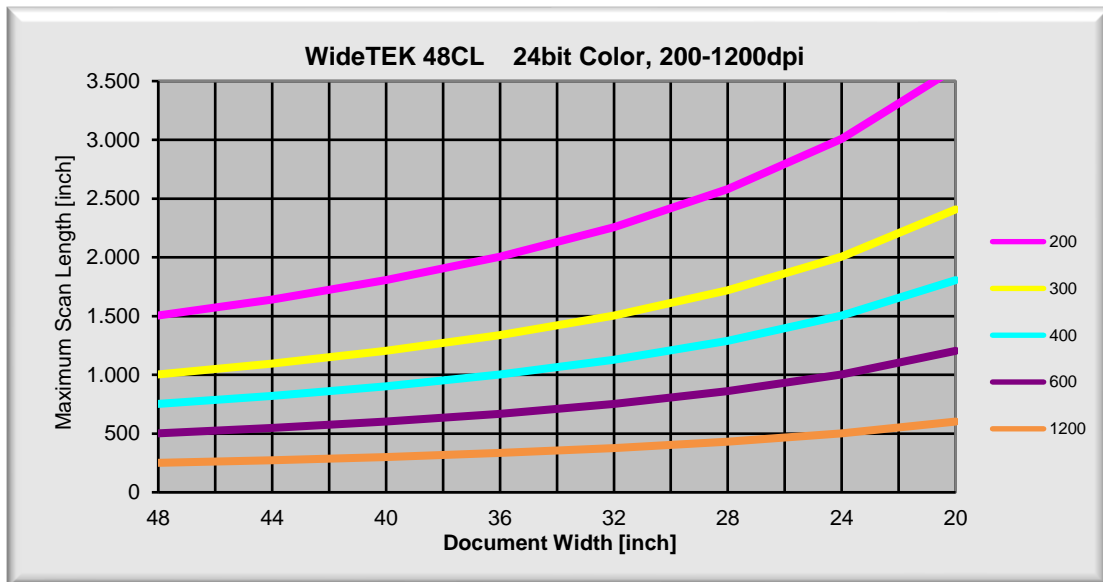
The scanning speed depends on the settings for resolution and color depth. In grayscale scanning, the WideTEK® scanners use photometric correct white light. This produces the best possible images. The following table shows the scan speed depending on the resolution.



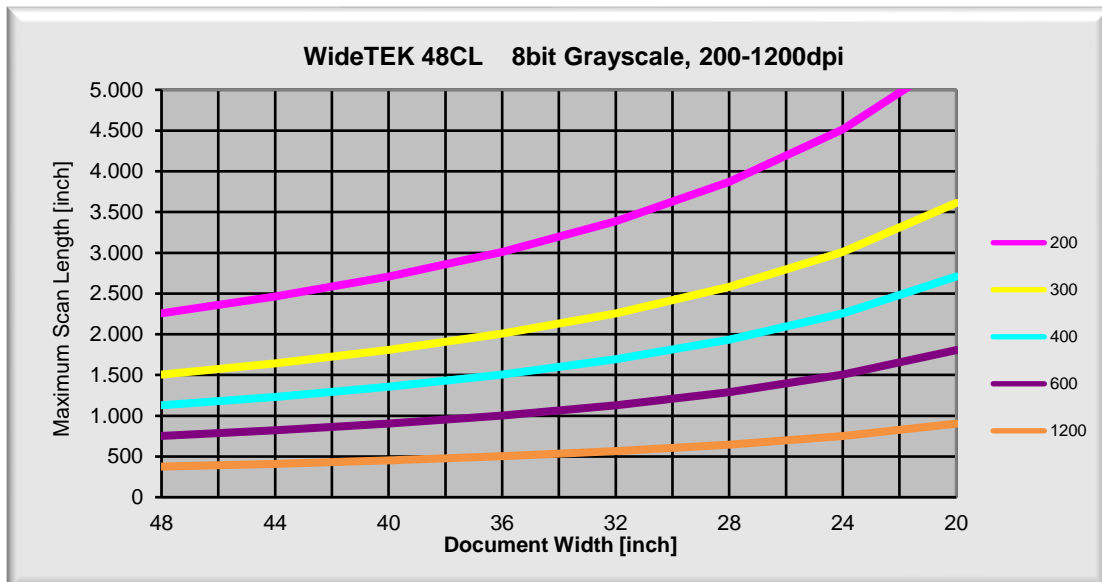
Relation between Documents Length and Resolution

The maximum document length depends on three factors, resolution, color depths and document width. The WT48CL-600 has 16 GB memory build into the scanner, enough to scan a 48" wide document at 300dpi up to a length of 1003" or 25.5 m. The following tables show the relation between the scanning length, document width, resolution, and color depth.

24bit Color:



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)
Pixel Dimension	42 x 42 µm
Sensor Type	Four dual light CIS modules
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

Accuracy and Stitching

Accuracy in Scan Direction	± 0.08% across 48 inch scanning width
Accuracy in Transport Direction	± 0.08%

Illumination System

Light source	RGB LED
Warm-up Time	None
Temperature Dependency	None
UV / IR emission	None
Lamp Lifetime	50,000 hours (typ.)

Electrical Specifications

External Power Supply

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
ECO standard	CEC level VI

Scanner

Voltage	19 V DC
Current	3 A

Power Consumption

Sleep	< 0.5 W
Standby	Approx. 5 W
Ready to scan	< 25 W
Scanning	< 45 W

Document Specifications

Document Length	Up to 500 m (20.000 inch) ¹
Paper Grade	Any
Document Thickness	2.5 mm (0.1 inch max.)

¹ The maximum document length depends on the scan resolution and the scan output.

Dimensions and Weight

Scanner outer dimensions (H x W x D)	170 x 1418 x 358 mm (7 x 56 x 14 inch)
Weight of scanner	29 kg (64 lbs.)
Weight of Floor Stand	11 kg (24 lbs.)
Transport Box Dimensions (Scanner) (H x W x D)	270 x 1490 x 450 mm (11 x 59 x 18 inch)
Transport Box Dimensions (Floor Stand) (H x W x D)	140 x 270 x 1400 mm (6 x 11 x 56 inch)
Scanner Weight, Ready to Ship	35 kg (77 lbs.)
Floor Stand Weight, Ready to Ship	12 kg (26 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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