

ScanZen Eko Series Scanners – Technical Specifications

Scanner		ScanZen Eko (20ppm)	ScanZen Eko+ (30ppm)
Scanning Method		Automatic Document Feeder (ADF)	
Image Sensor		Single line CMOS-CIS x2 (front/back) CIS: Contact Image Sensor	
Light Source		RGB-LED x2 (front/back) Red/Green/Blue	
Optical Resolution		600 dpi	
Output Resolution	Monochrome	50-600dpi, 1200dpi	
	Grayscale	Hardware output: 300, 600dpi	
	Color	Other resolutions are generated by device driver	
Internal Video Processing		65536 levels (16 bit)	
Output Video Format		Monochrome: 1 bit/pixel Grayscale: 8 bit/pixel Color: 24 bit/pixel	
Scanning Speed (A4) (B&W, Gray, Color)		Simplex (ppm) / Duplex (ipm)	
	200dpi	20 ppm / 40 ipm	30 ppm / 60 ipm
	300dpi	20 ppm / 40 ipm	30 ppm / 60 ipm
	400dpi	7 ppm / 14 ipm	7 ppm / 14 ipm
	600dpi	7 ppm / 14 ipm	7 ppm / 14 ipm
Paper Size		Minimum: A8 (52 x 74mm), Portrait/Landscape Maximum: A4 Portrait (210 x 297mm) or Legal (8.5" x 14") Note: Long page scanning of up to 3048 mm (120 in) is available	
Paper Weight (Thickness)	Paper	50 to 209 g/m2 (0.06 to 0.26 mm) *A8 size: 127 to 209g/m2 (0.15 to 0.26 mm)	
	Plastic Card	With and without Emboss 1-card Landscape only	
	Carrier Sheet	n/a	
Capacity of ADF		Maximum: 60 sheets for A4, 64 g/m2 50 sheets for A4, 80 g/m2	
ADF System		Center swing system	
Multi-Feed Detection		Multi-feed detection: Paper overlapping (by Ultrasonic sensor, 50g/ m2 – 209g/ m2) Plastic Card : detection N/A Only support 80mm or wider paper	
Paper Separation		Brake roller method (Non-reversal)	
Sheet Setting		Square setting	
Paper Setting Direction		Front side down	
Paper Protection		n/a	
Background		White in H/W, but scanned background is gray. White background can be S/W implemented after image cropped	
Interface		USB2.0 (x 1)	
Power Requirements		AC 100 to 240V±10%, 50/60 Hz +2%/ -4%	
Power Consumption	During Operation	18 W or less	
	Ready Mode	7 W or less	

	Power Saving Mode	1.6 W or less
	Power Off	0.4 W or less
Operating Environment		Temperature: 5 to 35 deg. C (41 to 95 deg. F) Relative humidity: 20 to 80% (Non-condensing)
Dimension		298W×135D×133H mm (not including Chute and Stacker)
Weight (kg)		2.5 kg
Image Processing Function		By Driver: Deskew, Automatic Size, Emphasis, Error Diffusion, Halftone, SDTC, Smoothing, Dropout Color(Red / Green / Blue/Saturation), Multi Image Output, Blank Page Detection, Advanced DTC, sRGB Output, Automatic Color Detection, Split Image, Vertical Streaks Reduction, Digital Endorser, Edge Correction, Dynamic Threshold (iDTC)
Image Compression		Hardware real time JPEG compression (Standard, does not support non-compression transfer)
Image Memory		64 MB No additional
Energy Star® V2.0 Compliance		Yes
Supported Operating System		Microsoft 7 / 8.1 / 10
Bundled Software		<ul style="list-style-type: none"> • Software Operation Panel • Error Recovery Guide • PaperStream IP for ScanZen (TWAIN) • Presto! PageManager 9 • ABBYY FineReader 12 Sprint *By ScanZen Support Page