

ELEMENT SCANNER CHEAT SHEET

Discover the Perfect Scanning Solution for Every Need



Element's scanner range is designed to meet the diverse needs of modern businesses, offering solutions that combine reliability, precision, and cutting-edge technology. From compact desktop models to versatile mobile options, robust fixed scanners, and specialised devices for the healthcare sector, there's an Element scanner for every requirement.

This cheat sheet provides a concise overview of the main features and specifications of each scanner type, helping you select the ideal device to streamline your operations.





DESKTOP SCANNERS



P880



P881



DESKTOP & MOBILE SCANNER



P303BT



P135BT



P100



FIXED SCANNER



P42KS



HEALTHCARE

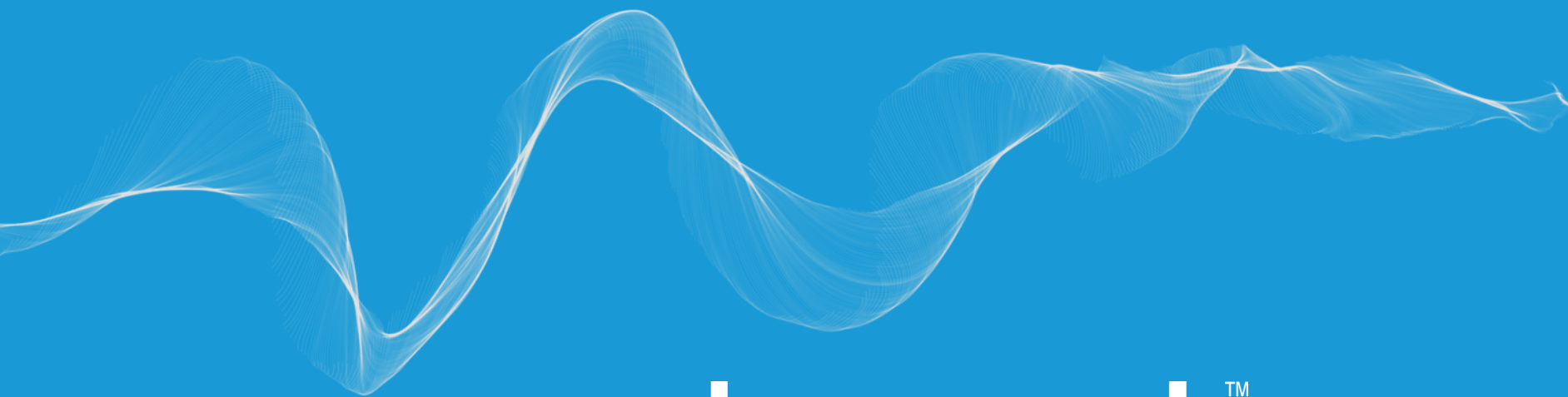


P50BT



P100-AM

	DESKTOP SCANNERS		DESKTOP & MOBILE SCANNER			FIXED SCANNER	HEALTHCARE	
	 Element Duet P880DS SCETP880DS001	 Element P881 SCETP881001	 Element P303BT SCETP303BT001	 Element P135BT SCETP135BT001	 Element P100 SCELP100003	 Element P42KS SCETP42KSSR004	 Element P50BT SCETP50BT001	 Element P100-AM SCELP100005
Illumination	Front Scanner: 6500K LED Top Scanner: 5000K LED	Aiming: 617 nm LED; illumination: 6500K LED	Aiming: 617 nm LED; illumination: 6500K LED	Aiming: 617 nm LED; illumination: 3500K LED	Aiming 625mm, Illumination is 6500k Infrared LED	Aiming 518 nm green light, illumination 617 nm RED LED	Aiming 625mm, Illumination is 6500k Infrared LED	Aiming: 617 nm LED; illumination: 3500K LED
Image Pixels	Front: 1280 pixels (H) x 1080 pixels (V) Top: 640 pixels (H) x 480 pixels (V)	640 pixels(H) x 480 pixels(V)	640 pixels (H)x 480 pixels (V)	640 pixels (H)x 480 pixels (V)	640 pixels (H)x 480 pixels (V)	640 pixels (H) x 480 pixels (V) 60FPS	640 pixels (H)x 480 pixels (V)	640 pixels (H)x 480 pixels (V)
Interfaces Supported	USB-HID, USB-COM, RS232	USB,RS232	USB-HID, USB-COM	USB, RS232	RS-232 Serial Port, USB, USB Virtual Serial Port	USB2.0	RS-232 Serial Port, USB, USB Virtual Serial Port	Bluetooth USB-HID / USBCOM Interface
Ambient Light Immunity	0-100,000 Lux.	100,000 Lux.	100.000 Lux.	100,000 Lux.	0~100, 000LUX	0-100,000 Lux.	0~100, 000LUX	Immune to normal indoor lighting up to 1600 Lux Immune to sunlight up to 86,000 Lux
Bluetooth Distance	NA	NA	50 meters (open space)	50m (open space)	NA	NA	NA	50m range
Field of View	Front: 55° (H) x 47° (V) Top: 40.5° (H) x 31° (V)	72°(H)x64°(V)	40° (H) x 32° (V)	40° (H) x 32° (V)	32° (H) x 25° (V)	70° (H) x 42° (V)	32° (H) x 25° (V)	4 ° (H) x 31° (V)
Reads off Mobile Screens	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Decode Ranges	3 mil (Code 39) Front: 0mm- 20mm Top: 70mm-240mm 5 mil (Code 39) Front: 0mm- 70mm Top: 70mm-310mm 6 mil (PDF 417) Front: 0mm- 120mm Top: 30mm-330mm 13 mil (UPCA) Front: 0mm- 170mm Top: 30mm-370mm 20 mil (QR) Front: 0mm- 210mm Top: NA	Code39 (3.9 mil) 35mm- 45mm Code39 (5.13 mil) 0mm- 80mm Code39 (20 mil) 0mm- 190mm UPC-A (13.3 mil) 0mm- 160mm PDF417 (6.88 mil) 0mm- 100mm DM (10 mil) 0mm-40mm QR (20 mil) 30mm-530mm	5 mil (Code 39) 30mm- 90mm 13 mil (100% Upca) 40mm- 170mm 1D Minimal Resolution 4mil 20MIL QR 10-315mm 10MIL DM 10-170mm 6.6MIL PDF417 15-145mm	Code 39 (3.13 mil) 50mm- 90mm Code 39 (5.13 mil) 30mm- 160mm PDF417 (6.88 mil) 30mm- 170mm DM (10 mil) 30mm-180mm UPC-A (13.3 mil) 30mm- 330mm QR (20 mil) 20mm-340mm Code 39 (20 mil) 30mm- 530mm	5mil Code39: 20mm– 150mm 13mil ENA: 30mm–300mm 6.7mil PDF417: 25mm– 130mm 10mil DM: 15mm–100mm 20mil QR 15mm–210mm	42° 6.88mil PDF 25mm-150mm 10mil DM 25mm-145mm 13mil UPC-A 45mm-260mm 20mil QR 35mm-285mm 20mil C39 50mm-400mm Febreban 140mm-225mm 70° 6.88mil PDF 10mm-80mm 10mil DM 15mm-80mm 13mil UPC-A 20mm-160mm 20mil QR 10mm-170mm 20mil C39 20mm-235mm Febreban 70mm-120mm	5mil Code39: 20mm– 150mm 13mil ENA: 30mm–300mm 6.7mil PDF417: 25mm– 130mm 10mil DM: 15mm–100mm 20mil QR 15mm–210mm	5 mil (Code 39) 60mm -155mm 13 mil (100% UPCA) 50mm - 330mm 1D Minimal Resolution 3mil



elementTM

www.elementpos.co