

# Element P42KS

Fixed Scanner



The new **Element P42KS** is a powerful and efficient fixed mount scanner, featuring an omni directional 640 x 480 pixel scanning camera with object auto sense that scans virtually any 1D and 2D barcode with impressive speed and ease.

Designed for embedded scanning applications, this compact fixed scanner is suitable for all kinds of self-service kiosks used in e-commerce, express delivery services, access control, loyalty, mobile payment, events ticket redemption, gaming cash outs, postal services, transport boarding passes, parking ticket machines, production line.

- > High-speed omni-directional scanning
- > Industry-leading scan platform
- > Reads all mainstream 1D/2D barcodes
- > Miniature - easy to integrate
- > Supports RS232 and USB interfaces
- > Reads barcodes off mobile phones



# Technical Specifications - Element P42K5

Item		Parameter	
Physical Properties	Dimensions	48mm x 40mm x 22mm	
	Weight	65.8g	
	Voltage	5 V DC	
	Power	2.3W MAX	
	Ingress Protection	IP54	
	Material	PC +ABS	
Performance	Image	640 pixels (H) x 480 pixels (V) 60FPS	
	Light Source	Illumination: RED LED	
	Interfaces Supported	USB2.0, RS232	
Environment	Operating Temperature	0°C to 50°C	
	Storage Temperature	-20°C to 70°C	
	Humidity	0% to 95% relative humidity, non-condensing	
	Shock Specifications	Designed to withstand 1.2m drops	
	Ambient Light Immunity	0-100,000 Lux.	
Decode Ranges		42°	70°
	6.88mil PDF	25mm-150mm	0mm-80mm
	10mil DM	25mm-145mm	15mm-80mm
	13mil UPC-A	45mm-260mm	20mm-160mm
	20mil QR	35mm-285mm	10mm-170mm
	20mil C39	50mm-400mm	v20mm-235mm
	Febreban	140mm-225mm	70mm-120mm

*Performance may be impacted by barcode quality and environmental conditions  
Specifications may change without notification (E&OE)*