



## BAR CODE READER

### MAH120



Simple, fast and affordable, the MAH120 is the industry's next generation bar code reader, providing the power of digital imaging technology at the lowest cost. Built for cabled 'point and shoot' omni-directional applications, the MAH120 is Pepperl+Fuchs' low-cost addition to its high performance line of bar code readers. The MAH120 is bar code reading simplicity defined, and its rugged yet lightweight flexibility makes it an ideal reader for all linear and matrix bar code reading applications.

The MAH120's unique wide angle lens captures and decodes all bar code types and symbologies. Whether you are reading 1D, 2D, DataMatrix, PDF417, UPC/EAN/JAN, RSS or over 30 other symbologies. The MAH120's decode performance is continuously improved with Dynamic Optimization Technology (DOT). DOT is a revolutionary technology which automatically improves

decode performance by continuously processing resolution, illumination, and image settings for the fastest possible symbol identification. The MAH120's LED (non-laser) targeting technique utilizes different coloured converging LEDs to determine target range. The durable over-molded housing and secured cable make the MAH120 uniquely suited for rugged high-use environments. Revolutionary audible, tactile and visual user feedback systems include an advanced speaker, a vibration motor and targeting/status LEDs. The only decision required before ordering is to determine cable type for reader to host communication: USB, RS232 or PS2<sup>†</sup>.

The software development kits provide programming tools enabling preparation of decoded data for acceptance into existing software programs. Document imaging is accomplished with extensive control over field size, grey scale, black/white threshold and graphics compression. Text to data capability is supported via advanced optical character recognition (OCR). Easily integrated with existing processes, software applications and peripherals, The MAH120 is the clear choice in bar code readers for future-proofing your operations.

While simple in design and function, the MAH120 is singularly adept in data and image capture and decoding performance, making it the industry's best-in-class bar code reader for production work-in-process, point-of-sale, inventory management, supply chain functions and point-to-point logistics. The MAH120 - Simple, fast and affordable.

#### MAH120 Features & Benefits

- P+F's most affordable, and the industry's best priced, cabled bar code reader
- Durable over-molded housing and secured cable ensure drop-shock survivability
- Ruggedized design with permanent lanyard hook
- Exceptionally 'smooth feel' trigger - three million activations
- Three modes of user feedback ensures 'good read': Vibration motor provides tactile feedback in noisy or silent environments; visual feedback with multi-colour LED; and audible tones
- Reads and decodes all symbologies including: 1D, 2D, Data Matrix, PDF417 and 30+ others
- Firmware is field upgradeable; can be remotely managed from single-source location
- Dynamic Optimization Technology continuously improves reader performance
- JavaScript Application Development Suite allows program development to prepare captured data for integration with enterprise software
- Three cabling choices: USB, RS232 or PS2<sup>†</sup>

<sup>†</sup>PS2 available Q2 '07

featuring  
**DOT**

