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UNOFFICIAL ENGLISH TRANSLATION

The original article was published in German in PC & Industrie, a trade magazine published in Germany. Prepared for CRETEC. The German original remains the reference.



A rugged ID scanner with multiple communication options

Historic product performance and warranty statements are retained. The original contact URL contains a typographical error; the printed spelling is preserved. Original publisher artwork, logos and advertisements are retained in their original language.

Extremely robust, with hygienic design

A rugged ID scanner with multiple communication options

Demanding mechanical and hygiene requirements in hospitals, medical technology, pharmaceuticals, food processing, chemical engineering and other fields call for robust hardware designed for effective cleaning.



Integrated, self-optimising decoding algorithms enable the ID-Phaser to decode all types of 1D, 2D and DPM codes extremely reliably, including low-contrast, blurred, dirty, dense, tiny or damaged codes and codes on highly reflective surfaces. Simple operation and installation cover printed, engraved, stamped and dot-peened codes, postal and pharmaceutical codes, and closely spaced codes. Special combinations of illumination and optics in modular adaptive attachments also read tiny DPM codes measuring only 0.7 mm x 0.7 mm quickly and reliably.

A further standout feature is a five-year warranty for the ID-Phaser, providing exceptional investment security and confidence in payback.

Conventional plastic 1D/2D and DPM handheld ID scanners do not withstand tougher operating conditions in harsh environments for long. Sweat, oil and dust create deposits on increasingly rough surfaces; dents and scratches become unacceptable reservoirs of dirt and germs. An accidental drop from desk height can cause complete failure. The resulting short service life creates replacement costs. Production delays or stoppages caused by failure can cost substantially more.

Powerful performance

Within the competitive field of 1D/2D handheld scanners, Cretec's ID-Phaser range offers distinctive mechanical and hygienic robustness alongside extensive

performance. Its fully enclosed housing of anodised, high-strength aerospace aluminium withstands extreme mechanical loads. The hygienic design follows international guidelines; IP65 protection, optionally higher, withstands water jets.

Highly flexible use

Ergonomically designed and weighing only 286 g, this lightweight, high-resolution reader is versatile for all 1D, 2D and DPM codes. It communicates directly by cable or a wireless Bluetooth gateway with industrial communication standards including Profibus, Profinet, EtherCAT, OPC UA, RS232 and USB.

Decoding algorithms

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