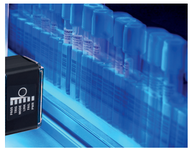
Scanning Without Software

Stationary 1D/2D Code Scanners

Unpack, plug in and you're ready to scan: series C5KC and C5PC 1D/2D code scanners make complex software installation and configuration superfluous. Auto-setup, auto-focus and newly developed decoding algorithms automatically provide for outstanding reading performance against almost any background. Scan settings can be accessed via the intuitively laid out user interface of the wenglor WebLink for optimized reading of damaged and high-resolution codes. The matchbox-sized format is ideally suited for use in compact machines.



C5KC

- Auto-setup and auto-focus for automatic configuration
- No software required thanks to wenglor WebLink (web server)
- Miniature format: 25 × 45 × 38 mm
- Up to 60 scans per second
- Reads all common 1D/2D codes
- Various resolutions: 0.34 and 1.2 megapixels
- Various interfaces: RS-232, USB 2.0, Ethernet over USB

C5PC

- Auto-setup and auto-focus for automatic configuration
- No software required thanks to wenglor WebLink (web server)
- Miniature format: 25 × 45 × 45 mm
- Up to 60 scans per second
- Reads all common 1D/2D codes
- Various resolutions: 0.34 , 1.2 and 5 megapixels
- Various interfaces: RS-232, Ethernet TCP/IP, PROFINET, EtherNet/IP™

Ready for Industrie 4.0

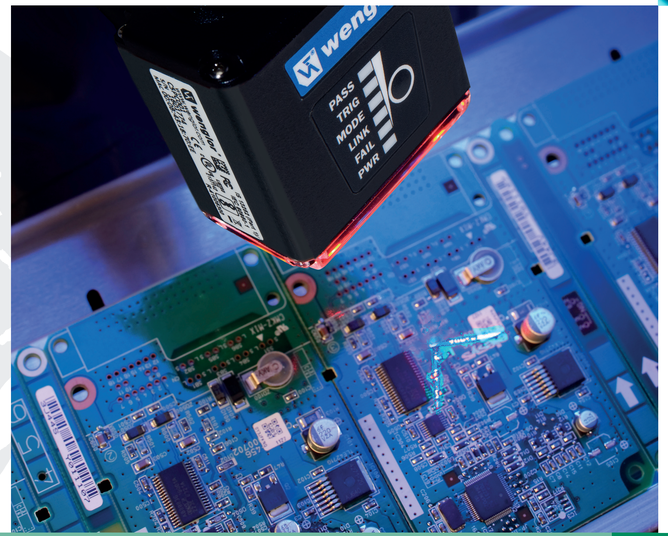
Discover further innovations.

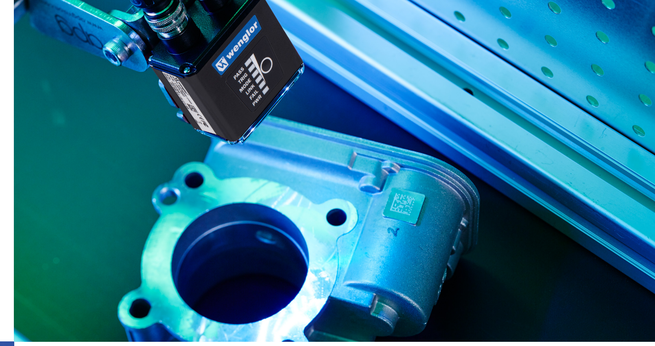
More information concerning our products is available at:
www.wenglor.com

NEWS_SCAN4_EN

Identification, Deciphering and Monitoring

1D/2D Barcode Scanners from wenglor





Quick and Reliable Object Tracing

1D/2D bar code scanners reliably process simple barcodes with high data density, all the way up to complex 2D-codes, which are marked directly on the respective parts (DPM). The diverse range of applications for the 1D/2D barcode scanners includes:

- Product identification and traceability
- Checking for completeness and quality inspection of 1D/2D barcodes
- Reads of all common 1D/2D barcodes including Code 128, UPC/EAN, DotCode, QR codes and data matrix codes
- Scanning of 1D/2D barcodes on all surfaces, for example PCBs, metals and pallets

Stationary 1D/2D Code Scanners

FIS-0004
Reading of 1D/2D Codes in Static Applications

- Omnidirectional code reading
- Scan rate: 10 scans per second
- Temperature range: 0…40° C
- Protection: IP54
- Reads all common 1D/2D codes: data matrix, PDF417, micro PDF417, QR codes, micro QR codes, RSS codes

FIS-6801
Code Recognition at Various Distances

- Integrated liquid lens with LED illumination for optimized image sharpness
- Scan rate: 60 scans per second
- Integrated code reconstruction
- Diagnosis functions
- Reads all common 1D/2D codes: data matrix, PDF417, micro PDF417, QR codes, micro QR codes, Aztec code, GS1 DataBar, RSS codes
- Ethernet TCP/IP and EtherNet/IP™ interfaces

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C50C
Scanning with wenglor MultiCore Technology

- weQubeDecode with high-speed data transmission via separate communication processor
- Expandable modular software concept with lots of features such as 3D tracking, Teach+ and match-code comparison
- Integrated code reconstruction
- Reads all common 1D/2D codes
- PROFINET and EtherNet/IP™ interfaces

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Handheld Mobile 1D/2D Scanners

CSMH / CSLH
Scanning with and without cable

- Alignment tool for quick code reading from distances of up to 394 mm
- Reads directly marked codes (DPM)
- Deciphering of damaged codes
- Bluetooth function for wireless data transmission with a range of 10 m (CSLH)
- Resistant to cleaning agents
- Temperature range: −20…+50° C
- Reads all common 1D/2D codes: data matrix, PDF417, micro PDF417, QR codes, micro QR codes, Aztec code, GS1 DataBar, RSS codes

CSHH
Scanning of Glossy and Curved Surfaces

- Innovative illumination technology for mobile scanning on difficult surfaces
- Range up to 10 cm
- Reads directly marked codes (DPM)
- Rugged housing design with IP54 protection
- Reads all common 1D/2D codes: data matrix, PDF417, micro PDF417, QR codes, micro QR codes, Aztec code, GS1 DataBar, RSS codes

High-Speed Barcode Deciphering

Identify, decipher and inspect barcodes – faster than the blink of an eye. wenglor's stationary barcode scanners are distinguished by top performance where legibility and scan rate are concerned.

Barcode Line Scanners

Barcode line scanners read barcodes with a bar thickness of just 0.084 mm. They read ultrahigh density codes at speeds of up to 1 000 scans per second. Even from considerable distances, they never miss a single bar. Thanks to their very compact design, line scanners can be installed into extremely small spaces.

Barcode Raster Scanners

The ten scanning beams laid out in a grid-like fashion result in a wide scanning range, which captures the entire surface of the barcode and evaluates it at several locations. This makes it possible for the integrated code reconstruction function to piece together damaged or poorly legible codes like a puzzle at high speeds.

Barcode Sweep Raster Scanners

Sweep raster scanners are specialists for scanning large surfaces where very high process speeds are involved. This is a decisive advantage for applications in which barcodes cannot be passed precisely in front of the scanner. The individually adjustable deflection angle of the oscillating mirror can be flexibly matched to any application.

Barcode Line Scanner with CCD Line (BLN)
Scanning Glossy Surfaces

wenglor's red light scanners with CCD line reliably read all common barcodes which are printed or laser etched on glossy surfaces – even in the event of minimal contrast or poor code quality.

- Scan rate: 530 scans per second
- Scanning of glossy surfaces with minimal contrast and poor code quality
- Temperature range: −20…+50° C
- Integrated web server
- Graphic display with intuitive menu prompting
- Ethernet TCP/IP interface for fast data transmission
- Rugged housing design with IP67 protection

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FIS-0003
Scanning of High Barcode Densities

- Minimum readable bar thickness of just 0.084 mm
- Auto-calibration for automated adaptation of code type, scan rate and scanning width
- Scan rate: 350…1 000 scans per second
- Reads all common barcodes
- Connection via daisy chain or multi-drop, networking via separate gateways to bus systems

FIS-0830
Monitoring of High Throughput Rates

- Flexibly adjustable scanning range
- Scan rate: 300…1 400 scans per second
- Integrated code reconstruction
- Adaptable deflection mirror
- Ethernet TCP/IP and EtherNet/IP™ interface

Ready for Industrie 4.0

FIS-0870
Scanning of Large Surfaces

- Scan rate: 300…1 400 scans per second
- Flexibly adjustable deflection angle
- Integrated code reconstruction
- Connection via daisy chain or multi-drop, networking via separate gateways to bus systems
- Ethernet TCP/IP and EtherNet/IP™ interface

Ready for Industrie 4.0