Newland AIDC
SCANNING MADE SIMPLE

FM510-H

Escáneres industriales fijos

1D | CCD | High Motion Tolerance | IP54 | RS-232 | Warranty 2 Years

Wide Scan Angle | Wide Voltage 5-24V

Features

High-Speed Scanning for Boosted Throughput
With a high scanning speed of 780 scans per second, the FM510-H boosts your data collection efficiency. Higher speed allows to accelerate the track and trace process and handle more samples. The FM510-H is perfect for in-vitro diagnostics and laboratory applications, where speed is critical for accurate and timely results.

Vertical and Horizontal Configurations
With both vertical and horizontal configurations available, the FM510 Series offers adaptability in its integration within laboratory environments. These options guarantee a seamless alignment with your existing lab setup and equipment, allowing for optimal use of scanning technology within your workspace.

Wide Angle for Close-Up Scanning
The FM510-H features a wide scan angle, ideal for laboratory use where vials with lengthy 1D barcodes and close-up scanning are common requirements. It offers a depth of field, covering distances from 25mm to 105mm, allowing you to scan up to three rows of lab vials.

Ultra Compact & Durable Design
The compact design of the FM510-H ensures seamless integration with your existing lab equipment. Moreover, the FM510-H is encased in a robust IP54-sealed housing, which makes it capable of withstanding the harsh demands of laboratory environments and safeguards the longevity of your devices.

Wide Voltage Input
The FM510-H features an extensive input voltage range from 5 to 24VDC, offering adaptability to various power sources and global electrical standards. This versatility ensures stable and reliable operation without the need for additional power converters.

2 Years Full Warranty

EasySet

FM510-H

Captura de datos

1D	All major 1D symbologies
Salida del haz	Scan window with front beam exit
Profundidad de campo	25 mm - 105 mm
Campo de visión horizontal	68˚
Iluminación	LED rojo (615 nm)
Sensor de imagen	2500 CCD
Contraste de impresión mínimo	25%
Resolución	≥6mil
Velocidad de lectura	780 scans per second

Físico

Corriente en funcionamiento @ 24 VDC	117 mA RMS (typical); 250 mA (max)
Corriente en funcionamiento @ 5 VDC	540 mA RMS (typical), 850 mA (max)
Dimensiones (mm)	62.5(W) × 50.5(D) × 21.5(H) mm
Carcasa	Plástico
Tensión de entrada	5-24 V CC ±5 %
Interfaces	RS-232
Notificaciones	LED
Consumo eléctrico	< 3 W
Peso	120 g

Medioambiental

Iluminación ambiental	≤5000 lux
Humedad	5 % al 95 % (sin condensación)
Grado de protección IP	IP54
Temperatura de funcionamiento	De 0 °C a 50 °C (de 32 °F a 122 °F)
Temperatura de almacenamiento	De -40 °C a 70 °C (de -40 °F a 158 °F)

Software

Herramientas de configuración	EasySet

Certificados

Certificaciones Hardware	CE, IEC 62471, FCC, UL, RoHS 2.0

Garantía

Garantía estándar	2 años

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Specifications are subject to change without notice

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