



FM550

Промышленные стационарные сканеры



1D & 2D



CMOS



Dual Laser Aimer



IP65



RS232



USB



Warranty
2 Years



Features

Wide Viewing Angle and Near Field Scanning

With a wide viewing angle, the FM550 scans both 1D and 2D barcodes from close-up, making this fixed-mount scanner a perfect choice for lab and IVD applications. It enables efficient and error-free data capture even in situations where the barcodes are not placed directly in front of the scanner.

Effortless Integration

The FM550 features an ultra-compact design, making its integration into your IVD devices seamless. Its miniature form factor ensures a hassle-free and space-efficient installation, allowing for a smooth and efficient workflow in your laboratory automation processes.

Image Capture

In addition to barcode scanning, the FM550 is equipped with image capture capabilities. Whether documenting sample conditions, recording experimental results, or capturing specimen images, this feature enhances data collection and analysis, improving the accuracy and efficiency of research and diagnostic procedures.

High Precision Scanning

The FM550 is equipped with dual laser aiming, a feature that simplifies device positioning during installation. This dual laser system provides an easy and convenient way to align the scanner with the intended target, ensuring precise and accurate data capture. It streamlines the setup process for IVD integration, saving you valuable time and effort.

Swift Data Transmission

The FM550 supports high-speed data transmission to the host system via the USB interface. This quick data transfer capability ensures that your lab automation processes remain efficient and responsive. It eliminates bottlenecks in data transfer, allowing for swift and seamless integration with your IVD devices.

Rugged Durability

The FM550 features a rugged metal housing that is sealed to an IP65 rating. This ensures the scanner's durability, even in challenging laboratory environments. The IP65 sealing not only protects the internal components from dust and water but also enhances the overall security and longevity of the device, making it a robust choice for laboratory automation.

2 Years Full
Warranty



TECHNICAL SPECIFICATIONS

FM550

Считывание данных

1D	Code 128, EAN-8, EAN-13, EAN-13 Addendum, UPC-E, UPC-A, Interleaved 2/5, Code 39, Codabar, Code 93, UCC/EAN-128
2D	PDF417, Data Matrix, QR Code, Aztec

Нацеливание	Красный лазер (650 нм)
Выход луча	Scan window with lateral beam exit
Диапазоны декодирования Code 128 (8.34мил)	45 mm - 90 mm
Диапазоны декодирования Code 39 (6.67мил)	45 mm - 85 mm
Горизонтальное поле обзора	52°
Вертикальное поле обзора	76.5°
Подсветка	Белый светодиод (3000 К)
Датчик сканера	1280 x 800 CMOS
Минимальный контраст печати	50%
Разрешение	≥5mil
Скорость сканирования	60 frames per second

Физические характеристики

5 В постоянного тока в режиме эксплуатации	141.35 mA RMS (typical); 397.54 mA (max)
Размеры (мм)	54(W)× 27.5(D)× 25.5(H) mm
Корпус	Алюминий
Входное напряжение	5 В постоянного тока ±5 %
Интерфейсы	USB, RS-232
Уведомления	Звуковой сигнал, LED
Потребляемая мощность	9 W
Вес	107 g

Экологический

Окружающее освещение	≤5000 люкс
Влажность	От 5 % до 95 % (без конденсации)
Рейтинг IP	IP65
Рабочая температура	от 0 °C до 50 °C (от 32 °F до 122 °F)
Температура хранения	от -20 °C до 70 °C (от -4 °F до 158 °F)

Программное обеспечение

Инструменты настройки	EasySet
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Сертификаты

Сертификаты Оборудование	IEC 60825-1, FCC, RoHS 2.0, IEC 62471, CE, EN 50689
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Гарантия

Стандартная гарантия	2 года
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Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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