Newland
SCANNING MADE SIMPLE

1D и 2D | CMOS | Dual Laser Aimer | AI | Color Sensor | Image Analysis

Wide Voltage 12-36V | RS232 | Ethernet | USB | IP65

FM600

IVD Scanners

Характеристики

Powerful Deep Learning Function

Equipped with the high-performance deep learning platform and combined with traditional vision algorithm and AI algorithm, it requires less training time to achieve high accuracy with a small number of sample images. It is commonly used for visual inspection, sorting, measuring liquid level, color detection, OCR and multi-code scanning in IVD applications.

Integrated Algorithm Solution

Integrating deep learning algorithms into the device can bring analysis, efficiency and excellent performance, no need of the computer.

Modular Design

With modular design, sensors, lens, light sources and other components can be easily disassembled and replaced.

Adjustable Focus

Manually adjust the focus by rotating the knob to get sharp results and avoid images out of focus in the high-temperature environment.

Distance Sensing

High-precision distance detection is up to 500mm. When the sample comes closer, it will automatically capture the image. You can adjust the supplementary light based on the distance.

Dual Aimers

With two aimers, accurately and automatically focus on the target to take the shot.

Ultra-Compact Design

This miniature smart camera is easily integrated into the stand-alone equipment.

IP65-Sealed Housing

The housing is sealed to an IP65 rating, durable and secure.

Wide Voltage Input

Support voltage ranges from 12 to 36VDC.

Multiple Interfaces

It provides RS -232, Ethernet, and USB interfaces to meet different needs.

Предлагаемые области

IVD & Laboratory | Здравоохранение

FM600 Технические данные

Считывание данных	
1D	All major 1D symbologies
Датчик сканера	1440*900 CMOS, 1920*1200 CMOS (TBD); mono, color
Нацеливание	Green LED*2 (TBD)
Подсветка	White LED*4 (default), controlled separately; available in red, white, blue and infrared; extensible supplementary light solution (TBD)
Скорость сканирования	60 frames/sec
Поле обзора/фокусное расстояние	H42°*V27°/7.5mm; H60°*V40°/5.0mm; H89°*V62°/3.2mm
Объектив	Lens with high transmittance (default); Optical filter and polarizer (optional)
Фокус	Manual focus
Выход луча	Scan window with front beam exit
Минимальный контраст печати	25%
Физические характеристики	
Кнопки	Key*2 (TUNE, TRIG)
5 В постоянного тока в режиме эксплуатации	TBD RMS (typical), TBD (max.)
Размеры (мм)	37(W) × 55.5(D) × 42.5(H) mm
Корпус	Aluminium
Входное напряжение	12-36VDC
Интерфейсы	Ethernet, RS-232, USB
Уведомления	LED indicator, beeper
Уведомления	LED*4 (STATUS, READ, TRAIN, NET)
Потребляемая мощность	TBD
Вес	TBD
Условия окружающей среды	
Окружающее освещение	≤5000lux
Рабочая температура	0°C to 50°C (32°F to 122°F)
Температура хранения	-20°C to 70°C (-4°F to 158°F)
Влажность	5%~95% (non-condensing)
Рейтинг IP	IP65
Программное обеспечение	
Инструменты настройки	EasySet
Гарантия	
Стандарт	2 years

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