

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Wenglor FIS-0870-0107* at our website: ***Click HERE***

Barcode Sweep Raster Scanner

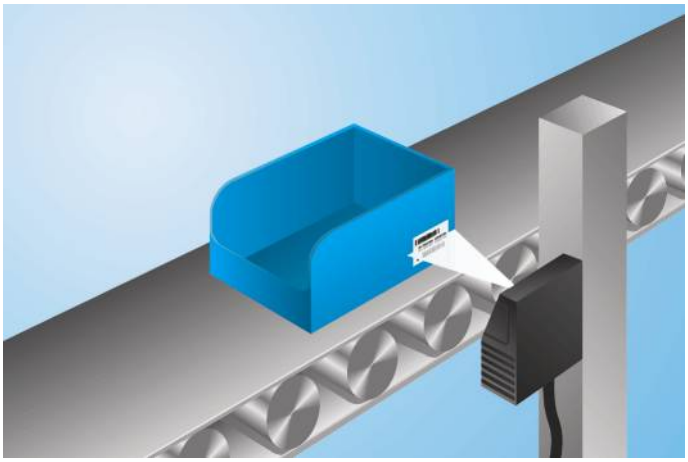
FIS-0870-1105 LASER

Part Number



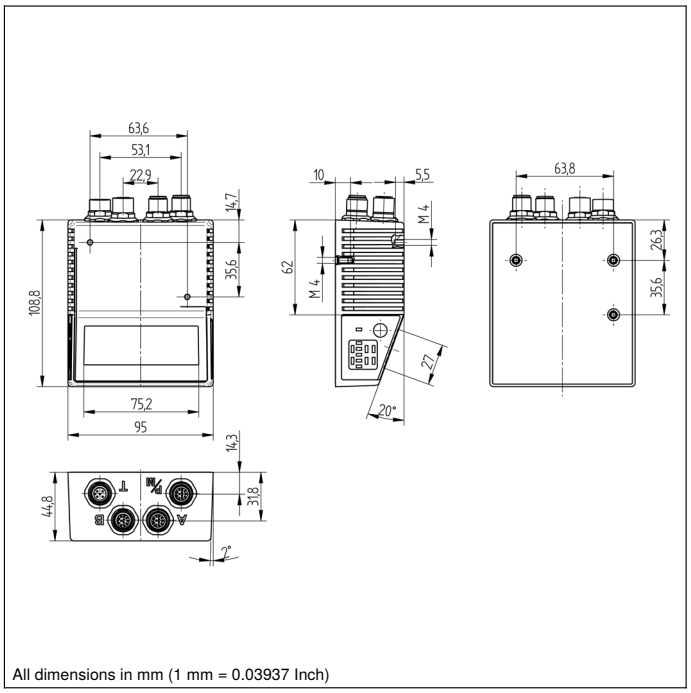
- **Ethernet TCP/IP and EtherNet/IP**
- **Integrated code reconstruction**
- **LED scanning rate indicator**
- **Maximum oscillation rate: 80 oscillations/second**
- **Teach-in**

This sweep raster scanner is suitable for scanning surface areas. The adjustable path-folding angle of the oscillating mirror allows for ideal adaptation to your application.
The following code types can be processed:
Code39, Interleaved 2 of 5, Code128, Codabar, UPC, PDF417, Code93, AIAG, UCC/EAN-128, Micro PDF, Pharmacode, GS1 Databar.

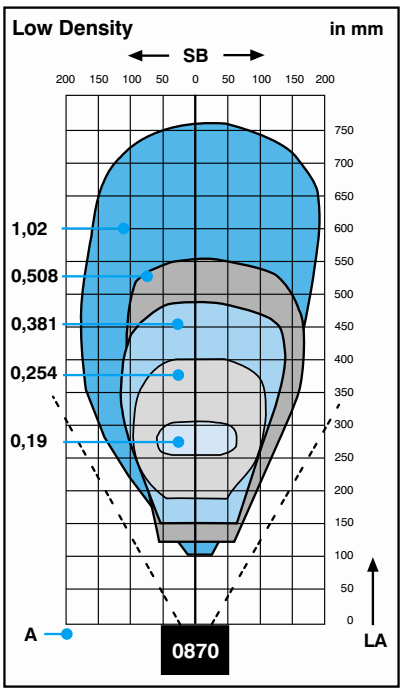


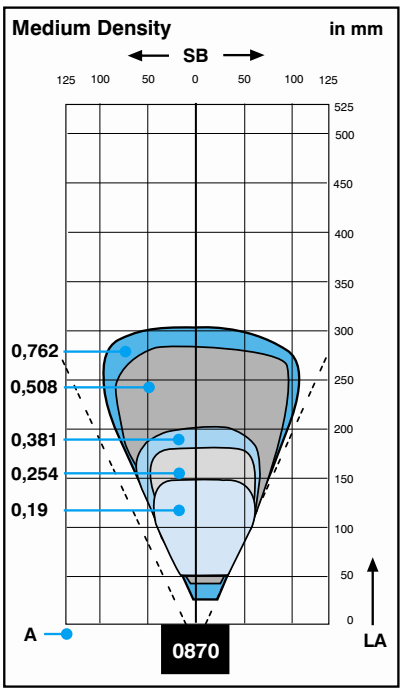
Technical Data

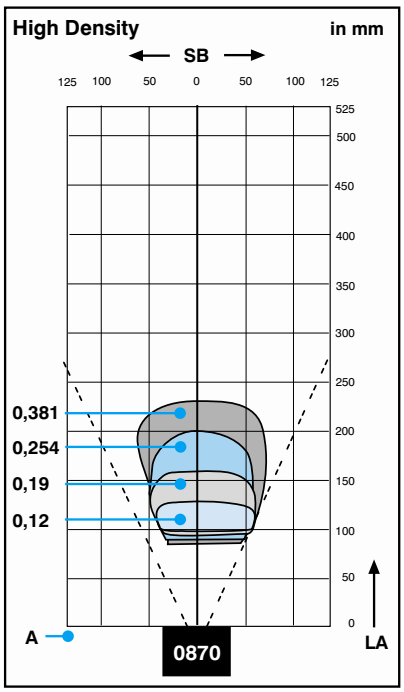
Optical Data	
Low density	yes
Read Range	102...762 mm
Light Source	Laser (red)
Wave Length	655 nm
Service Life (T = +25 °C)	50000 h
Laser Class (EN 60825-1)	2
Max. Ambient Light	4840 Lux
Opening Angle	60 °
Adjustable Scan Width	yes
Barcode Label Contrast	> 25 %
Electrical Data	
Supply Voltage	10...28 V DC
Power Consumption	6480 mW
Scan Rate	300...1400 scans/sec
Temperature Range	0...50 °C
Switching Output	Optoisolator
Switching Outputs	3
Switching Output/Switching Current	100 mA
Reverse Polarity Protection	yes
Network Possibilities	Ethernet
Interface	RS-232/422/485
Baud Rate	< 100 MBd
Trigger Input	Optoisolator
Signal Input	Optoisolator
Number of Signal Inputs	3
Acoustic signal	yes
Protection Class	III
Mechanical Data	
Housing Material	Aluminum
Weight	453 g
Degree of Protection	IP65
Connection	M12 × 1; 12-pin
PNP NO/NC switchable	●
NPN NO/NC switchable	●
Connection Table No.	47
Control Panel No.	Fi2
Suitable Connection Technology No.	12 13
Suitable Mounting Technology No.	440



All dimensions in mm (1 mm = 0.03937 Inch)

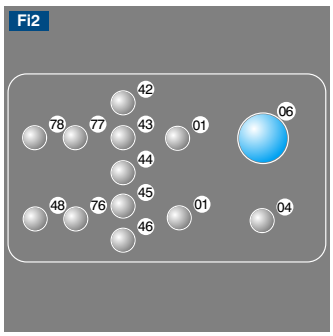






SB = Scan Width A = Resolution LA = Read Range

Ctrl. Panel



01 = Switching Status Indicator
04 = Function Indicator
06 = Teach Button
42 = Reading Performance 100 %/Good Read
43 = Reading Performance 80 %/Status/Trigger
44 = Reading Performance 60 %
45 = Reading Performance 40 %
46 = Reading Performance 20 %
48 = Network Status
76 = Network Tx enabled
77 = Network Rx enabled
78 = Module status

Complementary Products

Connection Box ZAA12NN01
Connection Cable ZAV88Rx01
Feldbus Gateways ZAGxxxN01
Power Supply Unit NT10

Raster Configuration

Raster Sweep Angle	0°...10°	11°...20°	21°...34°
Sweeps/sec	80	60	40

Specifications are subject to change without notice

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP