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NOTE: Scan this QR code to download the multilingual quick guide.

NOTA: Scansionare questo QR Code per scaricare la guida rapida multilingue.

HINWEIS: Scannen Sie diesen QR-Code, um die mehrsprachige Kurzanleitung herunterzuladen.

NOTA: Escanee este código QR para descargar la guía rápida multilingüe.

REMARQUE: Scannez le code QR suivant pour télécharger le guide rapide multilingue.

OPMERKING: Scan deze QR-code om de meertalige snelgids te downloaden.

NMÄRKNING: Skanna denna QR-kod för att ladda ner den flerspråkiga snabbguiden.

M830/930 CAMERA

QUICK REFERENCE GUIDE



DATALOGIC

2D Camera

The M830 / 930 Camera Product Reference Guide (PRG) is available on our website and provides helpful mounting and operations details. Refer to the PRG for Warranty Terms and Conditions.
Scan below to access the PRG.

www.datalogic.com

821012981 (Rev. B) May 2026

OVERVIEW

The M830 / 930 are high performance industrial 2D cameras with an integrated image processing system dedicated to automatic code identification on moving parcels. The M830 / 930 Camera requires no mirrors, making it easy to install and support.

UNPACKING

Follow the instructions below to unpack the M830/930 camera.

CAUTION: Keep the original packaging for use when sending products to the technical assistance center. Damage caused by improper packaging is not covered under the warranty.

1. Open the box carefully.
2. Remove the top center packaging materials to reveal the scanner.
3. Carefully remove the scanner to reveal the next layer of packaging material.
4. Remove the next layer of packaging to reveal the mounting bracket.

NOTE: Make sure to also remove the bolts and screws included with the product.

OUT OF THE BOX

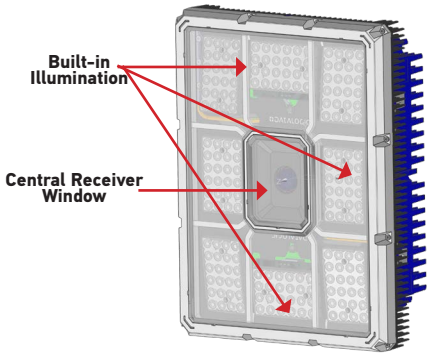
The M830/930 Camera package contains:

- Camera
- Mounting Bracket
- 4 bolts and washers
- 4 T-bolts and nuts
- Quick Start Guide
- Test chart and PackTrack Calibration Pattern

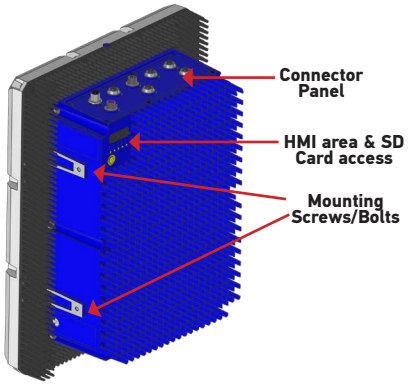
Remove all the components from their plastic packaging; check their integrity and compare them with all the packing documents.

FEATURES

Front View

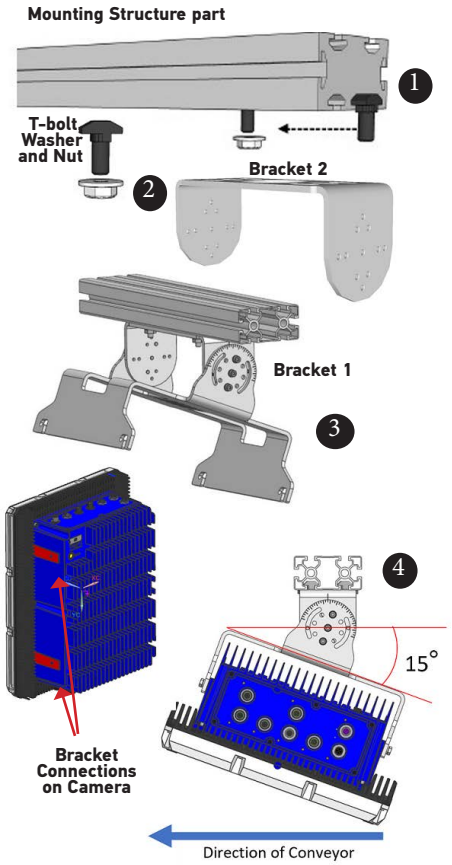


Back View



MOUNTING THE DEVICE

This product is intended to be installed by Qualified Personnel only.
Follow the steps below to mount the camera to the mounting structure.



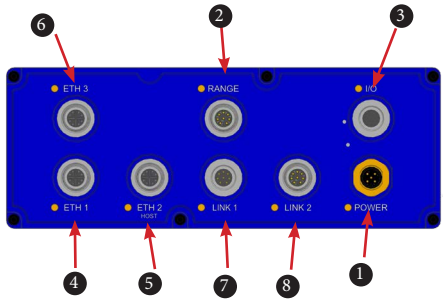
1. Attach Bracket 2 to the mounting structure part with four T-bolts.
2. Attach Bracket 1 to to Bracket 2 with six M5x12 bolts. Determine proper rotation.
3. Attach Camera to Bracket 1 with four M6x16 bolts via the Bracket Connections shown.
4. When you have determined the proper position, tighten all connections.

NOTE: For detailed information on complex installations, refer to the Product Reference Guide.

WARNING: Disconnect the power supply when installing the device or during maintenance to avoid unintentional exposure to LED light.

WARNING: Avoid staring at the LEDs as one would with any very strong light source, such as the sun. There are no user-serviceable parts inside the reader. Service should only be performed by Datalogic trained and certified technicians.

M830/M930 PANEL



1	Power In
2	Range Sensor
3	I/O
4	ETH 1
5	ETH 2 Host
6	ETH 3
7	Link 1
8	Link 2

LED INDICATORS

LED	Description
POWER	Solid Blue – Power LED indicating all internal power supplies are at the correct voltage.
RANGE	Solid Green – Indicates Range Sensor connected
I/O	Solid Green – Indicates CBX connected has the ID+ to GND jumper and this camera is the controller for the tunnel. The Tachometer/Encoder must be connected to this unit.
ETH1, ETH2 HOST, ETH3	Red -Network Data activity NOTE: With a Gbit link, Green will always be on and Red will blink, looking like it alternates Green to amber. If connected to 100Mbit network, the LED will only blink Red with activity.
LINK1 and LINK2	Red – SyncNet Data activity NOTE: With a Gbit link, Green will always be on and Red will blink, looking like it alternates Green to amber. If connected to 100Mbit network, the LED will only blink Red with activity.
360 Degree Feedback Ring	Programmable feedback function. By default: Solid blue – Setup function running Green flash - Good read Red Flash - No-read

TECHNICAL SPECIFICATIONS

ELECTRICAL FEATURES	
Supply Voltage	24 VDC +/- 10% at power supply connector
Power Consumption	8 amp maximum Typical: - Base 5.5A - CBX or Range Sensor connected: +1.0A - USB-C: +0.5A
ENVIRONMENTAL FEATURES	
Operating Temperature	0° to 50° C [32° to 122° F]
Storage Temperature	-20° to 70° C [-4° to 158° F]
Humidity	95% non condensing
MECHANICAL FEATURES	
Dimensions	H x W x L 163 x 317 x 419 mm (6.41 x 12.48 x 16.49 in)
Weight	9.7 kg

COMPLIANCE

Laser Safety

This product conforms to the applicable requirements of IEC60825-1 (Ed. 3). and complies with 21 CFR 10 except for deviations pursuant to laser notice N° 56, date January 19, 2018. This product is classified as a Class 2 laser product according to IEC 60825-1:2014, EN 60825-1:2014+A11:2021 regulations.

Electrical Safety

Compliant to EN/IEC 62368-1.
Compliant to CSA 62368-1 (ANSI/UL 62368-1).

LED Safety

The illuminator is classified LED Risk Group 2 at a distance of 20 cm as per IEC/EN 62471 standard.

European Declaration of Conformity

Hereby, Datalogic S.r.l. declares that the full text of the European Declaration of Conformity is available at: www.datalogic.com. Select the link from the downloads section of the product page.

UKCA Declaration of Conformity

Hereby, Datalogic S.r.l. declares that the full text of the UKCA Declaration of Conformity is available at: www.datalogic.com. Select the link from the downloads section of the product page.

FCC Compliance

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use the equipment.
This device complies with PART 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference which may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

EULA

See www.datalogic.com/eula.

Patents

See http://www.patents.datalogic.com/ for updated patent list.
This product is covered by one or more of the following patents:
Utility patents: EP2212827B1, EP2517148B1, EP2649555B1, EP2795534B1, EP3074915B1, EP3098757B1, EP3462372B1, EP3693790B1, IT1404187, JP5947819B2, US10161742, US10229301, US10540532, US10699091, US10754123, US10762405, US10817693, US7433590, US8360318, US8888003, US8915443, US9230142, US9349047, US9430689, US9589165, US9785817, US9798948, US9870498, ZL200980163411.X, ZL201080071124.9, ZL201280010789.8

Support Through the Website

Datalogic provides several services as well as technical support through its website.
Log on to www.datalogic.com.
For quick access, from the home page click on the search icon, and type in the name of the product you're looking for. This allows you access to download Data Sheets, Manuals, Software & Utilities, and Drawings.
Hover over the Support & Service menu for access to Services and Technical Support.

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注释： 扫描此二维码下载多语种快速指南。

M830/930 相机

快速参考指南



DATALOGIC

2D 相机

《M830/930 相机产品参考指南》（简称 PRG）已发布在我们的网站上，其中提供有用的安装与操作详细信息。
保修条款与条件请参阅 PRG。
扫描下方二维码访问 PRG。

www.datalogic.com

821012981 （版本 B） 2026 年 五 月

概览

M830/930 是高性能工业 2D 相机，配备集成图像处理系统，专用于移动包裹的自动代码识别。M830/930 相机无需反射镜，安装简便且易于维护。

打开包装

请按照以下说明拆开 M830/930 相机包装。

注意：将产品发往技术支持中心时请使用初始包装。因包装不当造成的损坏不在保修范围之列。

1. 请小心打开包装盒。
2. 取下顶部中央的包装材料，即可看到扫描仪。
3. 小心取出扫描仪，即可看到下一层包装材料。
4. 取下下一层包装，即可看到安装支架。

注释： 注意：请务必同时取出产品随附的螺栓和螺钉。

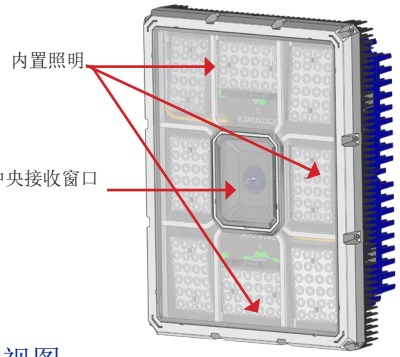
出厂配件

M830/930 相机包装包含：

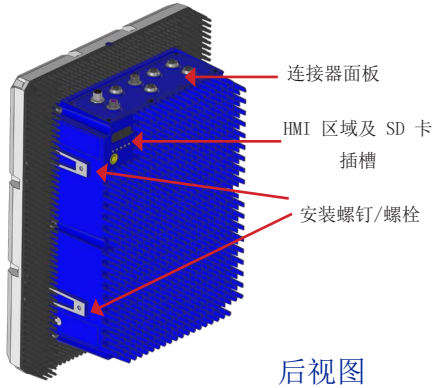
- 相机
- 安装支架
- 4 个螺栓与垫圈
- 4 个 T 型螺栓与螺母
- 《快速入门指南》
- 测试图与 PackTrack 校准标定图案

从塑料包装中取出所有部件，检查其完整性并与所有装箱单据进行比对。

特性



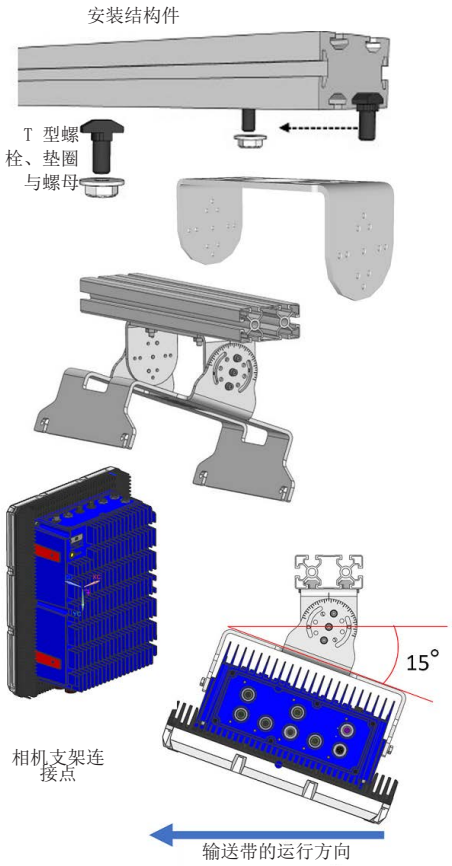
前视图



后视图

安装设备

本产品仅供合格人员安装。
请按照以下步骤将相机安装到安装结构。



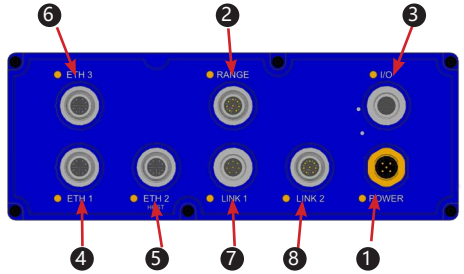
1. 使用四个 T 型螺栓将支架 2 固定到安装结构件。
2. 使用六颗 M5x12 螺栓将支架 1 固定到支架 2。 确定合适的旋转角度。
3. 通过所示的支架连接点 ，使用四颗 M6x16 螺栓将相机固定到支架 1。
4. 确定合适的位置后 ，拧紧所有连接点。

注释：有关复杂安装的详细信息 ，请参阅产品参考指南。

报警：安装设备或进行维护时请断开电源 ，以避免意外暴露于 LED 光中。

报警：如同对待所有强光源（如太阳）一样 ，请勿直视 LED。读取器内部无用户可维修部件。维修仅应由经 Datalogic 培训并认证的技术人员执行。

M830/M930 面板



1	电源输入
2	测距传感器
3	I/O
4	ETH 1
5	ETH 2 主机
6	ETH 3
7	链路 1
8	链路 2

LED 指示灯

LED	描述
电源	蓝色常亮 - 电源 LED ，指示所有内部电源电压正常。若外部电源已供电而内部电源电压超出范围 ，则可能熄灭。
范围	绿色常亮 - 指示测距传感器已连接
I/O	绿色常亮 - 指示已连接的 CBX 将 ID + 至 GND 跳线短接 ，且此相机为通道控制器。测速计/编码器必须连接至此设备。
ETH1 ，ETH2 主机，ETH3	红色 - Network Data Activity 注：在千兆位连接下，绿色指示灯常亮，红色指示灯闪烁，外观上呈现绿色与琥珀色交替状态。若连接至100兆位网络，LED仅在有数据活动时闪烁红色
LINK1 和 LINK2	红色 - SyncNet 数据活动 注意：使用千兆（Gbit）链路时，绿色指示灯常亮，红色指示灯闪烁，看起来像是绿色与琥珀色亮灯交替显示。若连接到百兆（100Mbit）链路，有数据活动时仅会有红色指示灯闪烁。
360 度反馈环	可编程反馈功能。默认状态下： 蓝色常亮 - 设置功能运行中 绿色闪烁 - 读取成功 红色闪烁 - 未读取

技术规格

电气特征	
电源电压	24 VDC +/- 10%（电源连接器处）
电源耗能	最大 8 amp 标准值： - 基础 5.5A - CBX 或测距传感器连接时：+1.0 A - USB-C：+0.5 A
环境特征	
工作温度	0° C 至 50° C [32° F 至 122° F]
存储温度	-20° C 至 70° C [-4° F 至 158° F]
湿度	95%（无冷凝）
机械特性	
尺寸	高 x 宽 x 长 163 x 317 x 419 mm (6.41 x 12.48 x 16.49 in)
重量	9.7 kg

合规性

激光安全

本产品符合 IEC60825-1（第 3 版）的适用要求 ，并符合 21 CFR 10 ，但 Laser Notice N° 56（2018 年 1 月 19 日）中所述的偏差除外。根据 IEC 60825-1:2014、 EN 60825-1:2014+A11:2021 规定 ，本产品被分类为 2 类激光产品。

电气安全

符合 EN/IEC 62368-1 标准。
符合 CSA 62368-1（ANSI/UL 62368-1）标准。

LED 安全

根据 IEC 6417/EN 62471:2008 标准 ，照明器在 20 cm 距离处被分类为 LED 风险组 2。

欧洲符合性声明

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UKCA 符合性声明

Datalogic S.r.l. 特此声明 ，UKCA 符合性声明的全文可在以下网址获得：www.datalogic.com。可从产品页面的下载部分选择链接。

FCC 符合性

如果未经 Datalogic 的明确书面许可而对此设备进行修改或更改 ，可能导致无权使用此设备。
此设备符合 FCC 规则的第 15 部分。操作应满足以下两个条件：(1) 此设备不会造成有害干扰 ，并且 (2) 此设备必须接受所接收到的任何干扰 ，包括可能造成非期望操作的干扰。

根据 FCC 规则的第 15 部分 ，该设备已经过检测 ，并发现其符合 A 类数字装置的限制。这些限制专用于在设备于商业环境中操作时提供合理保护 ，以防受到有害干扰。此设备将产生、 使用并可放射无线电频率能量 ，如果不按照说明书加以安装和使用 ，则可能会对无线电通信造成有害干扰。此设备在居民区运行时可能造成有害干扰 ，在这种情况下 ，用户必须自费校正干扰。

EULA

请参阅 www.datalogic.com/eula。

专利

有关专利列表 ，请参阅

http://www.patents.datalogic.com/。
该产品受以下一项或多项专利保护：
实用专利：

EP2212827B1, EP2517148B1, EP2649555B1, EP2795534B1, EP3074915B1, EP3098757B1, EP3462372B1, EP3693790B1, IT1404187, JP5947819B2, US10161742, US10229301, US10540532, US10699091, US10754123, US10762405, US10817693, US7433590, US8360318, US8888003, US8915443, US9230142, US9349047, US9430689, US9589165, US9785817, US9798948, US9870498, ZL200980163411.X, ZL201080071124.9, ZL201280010789.8

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要进行快速访问 ，请从主页单击搜索图标 ，并输入您想要查找的产品名称。您可以下载数据表、手册、软件和实用程序以及图纸。
将鼠标悬停在“支持和服务”菜单上 ，可访问“服务”和“技术支持”。