

# FS/VS40 Smart Camera

Regulatory Guide



MN-004146-03EN-P

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## Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model numbers:

- S40

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translation /  
Tradução do idioma local /  
Übersetzung in die lokale Sprache /  
Raduccion de idioma local /  
Traduction en langue locale /  
Prijevod na lokalni jezik / Traduzione  
in lingua locale / 現地語の翻訳 / 현지  
언어 번역 / Перевод на местный  
язык / 本地語言翻譯 / 本地語言翻譯 /  
Yerel dil çeviri / Tłumaczenie na  
język lokalny: zebra.com/support

Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user's authority to operate the equipment.

Declared maximum operating temperature: 45°C


## Regulatory Markings

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DOC is available at: [zebra.com/doc](http://zebra.com/doc).


## Health and Safety Recommendations

### Ergonomic Recommendations

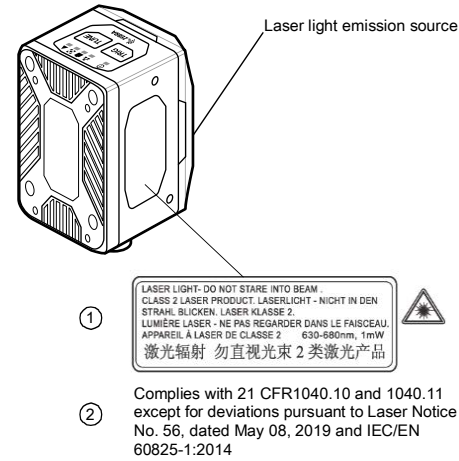
In order to avoid or minimize the potential risk of ergonomic injury, always follow good ergonomic workplace practices. Consult with your local Health and Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

 **Laser Devices**  
Class 2 laser scanners use a low power, visible light diode.

As with any very bright light source such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

 **CAUTION:** Use of controls, adjustments, or the performance of procedures other than those specified in the supplied product documentation may result in hazardous laser light exposure.

## Scanner Labeling



Labels read:

1. Laser Light — Do not stare into beam. Class 2 Laser product. 630-680nm, 1mW.
2. Complies with 21 CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 56, dated May 08, 2019 and IEC/EN 60825-1:2014


## LED Devices

Classified as 'EXEMPT RISK GROUP' or 'RISK GROUP 1' according to IEC 62471:2006 and EN 62471:2008.

- White LED Pulse Duration: 6.1 ms (RISK GROUP 1)
- Blue LED Pulse Duration: 0.35 ms (RISK GROUP 1)
- Red LED Pulse Duration: 12.4 ms (EXEMPT RISK GROUP)
- IR LED Pulse Duration: 7.5 ms (EXEMPT RISK GROUP)
- Green LED Pulse Duration: 11.0 ms (EXEMPT RISK GROUP)

## Power Supply

This device may be powered by either an external power supply or Power over Ethernet (PoE) 802.3af or 802.3at power source. Ensure the applicable instructions are followed.

 **WARNING ELECTRICAL SHOCK:** Use only a Zebra approved, Certified ITE SELV power supply with appropriate electrical ratings. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

This device must be powered from a 802.3af or 802.3at compliant power source which meets local compliance requirements.

## Connecting to a LAN Network

Please note that this device is not tested or authorized to be connected via ethernet cable to a Local Area Network (LAN) in outdoors conditions. It may only be connected to an indoor LAN.

## CE Marking and European Economic Area (EEA)

### Statement of Compliance

Zebra hereby declares that this device is in compliance with Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.

The full text of the EU Declaration of Conformity is available at: [zebra.com/doc](http://zebra.com/doc).

EU Importer: Zebra Technologies B.V

Address: Mercurius 12, 8448 GX Heerenveen, Netherlands

## Waste Electrical and Electronic Equipment (WEEE)

For EU Customers: For products at the end of their life, please refer to recycling/disposal advice at: [zebra.com/weee](http://zebra.com/weee).

## United States and Canada Regulatory

Radio Frequency Interference Notices

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 that may cause undesired operation.



**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Radio Frequency Interference Requirements – Canada

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B)

## Brasil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

## 中国

通过访问以下网址可下载当地语言支持的产品说明书 [zebra.com/support](http://zebra.com/support)

如果配套使用外部电源适配器，请确保其已通过 CCC 认证



## 产品中有害物质的名称及含量

部件名称 (Parts)	有害物质 					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PB B)	多溴二苯醚 (PB DE)
金属部件 (Metal Parts)	X	0	0	0	0	0
电路模块 (Circuit)	X	0	0	0	0	0
电缆及电缆组件 (Cables)	0	0	0	0	0	0
塑料和聚合物部件 (Plastic)	0	0	0	0	0	0
光学和光学组件 (Optics)	0	0	0	0	0	0
打印头 (Print Heads)	0	0	0	0	0	0
电池 (Batteries)	0	0	0	0	0	0
外部电源 (Ext. Pwr Sply)	0	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制。  
 O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。  
 X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。(企业可在此处，根据实际情况对上表中打“X”的技术原因进行进一步说明。)

## Евразийский Таможенный Союз (EAC)

Данный продукт соответствует требованиям знака

EAC.



臺灣

## 限用物質含有情況標示聲明書

設備名稱：條碼掃描器	型號 (型式) S40					
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr +6)	多溴聯苯 (PB BB)	多溴二苯醚 (PB DE)
印刷電路板及電子組件	-	0	0	0	0	0
金屬零件	-	0	0	0	0	0
電纜及電纜組件	0	0	0	0	0	0
塑料和聚合物零件	0	0	0	0	0	0
光學與光學元件一	0	0	0	0	0	0
打印頭	0	0	0	0	0	0

備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。  
 備考 2. “0” 係指該項限用物質之百分比含量未超出百分比含量基準值。  
 備考 3. “-” 係指該項限用物質為排除項目。  
 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.  
 Note 2: “0” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.  
 Note 3: The “-” indicates that the restricted substance corresponds to the exemption.

## TÜRK WEEE Uyumluluk Beyanı

EEE Yönetmeliğine Uygundur.

## UK United Kingdom Statement of Compliance

Zebra hereby declares that this device is in compliance with Electromagnetic Compatibility Regulations 2016, the Electrical Equipment (Safety) Regulations 2016 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

The full text of the UK Declaration of Conformity is available at: [zebra.com/doc](http://zebra.com/doc).

UK Importer: Zebra Technologies Europe Limited  
 Address: Dukes Meadow, Millboard Rd, Bourne End, Buckinghamshire, SL8 5XF

## Warranty

For the complete Zebra hardware product warranty statement, go to: [zebra.com/warranty](http://zebra.com/warranty)

## Service Information

Before you use the unit, it must be configured to operate in your facility's network and run your applications. If you have a problem running your unit or using your equipment, contact your facility's Technical or System Support. If there is a problem with the equipment, they will contact Zebra support at [zebra.com/support](http://zebra.com/support).

For the latest version of the guide go to: [zebra.com/support](http://zebra.com/support).

## Additional Information

For information on using the FS/VS Smart Camera Series, refer to the FS/VS Smart Camera Series product reference guide available at: [zebra.com/support](http://zebra.com/support).