

Regulatory & Safety Information

UL Listed to U.S. and Canadian Safety Standards

FCC Declaration of Conformity

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 (2) this device must accept any interference received including interference that may cause undesired operations. This applies to all product options.

FCC Radio Frequency Interference Statement

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.

CAUTION: Changes or modifications to this equipment not expressly approved by Microvision could void the user's authority to operate this equipment.

Notice for Canada

Radio Interference Notice for Canada
This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.

Laser

Type: Semiconductor laser AlGaInP
Maximum output power: 5mW
Divergence: X axis: 6-15 degrees
Y axis: 22-38 degrees

Wavelength: 650-660nm

Laser

Typ: Halbleiterlaser AlGaInP
Ausgabeleistung: 5 mW
Strahlabweichung: X Achse: 6-15 Grad
Y Achse: 22-38 Grad

Wellenlänge: 650-660nm

Compliance Information

Product Name: Flic Laser Bar Code Scanner
Product Number: HS 2122, HS 2123 Options: All
The product herewith complies with the requirements of Low Voltage Directive 73/23/EEC, EMC Directive 89/336/EEC, WEEE Directive 2002/96/EC, and carries the "CE" mark accordingly.

Product Name: Flic Cordless Laser Bar Code Scanner
Product Number: HS 2142, HS 2144 Options: All
The product herewith complies with the requirements of R&TTE Directive 99/5/EC, WEEE Directive 2002/96/EC, and carries the "CE" mark accordingly. The equipment also carries the Class 2 equipment identifier: **CE**

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

Laser Safety

This device employs a laser. Do not remove the cover or attempt to service this device due to the possibility of eye damage.

Laser-Sicherheit

In das Gerät ist ein Laser eingebaut. Nehmen Sie die Abdeckung nicht ab und versuchen Sie nicht, das Gerät zu reparieren. Es besteht die Gefahr einer Augenverletzung.

Caution

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser radiation exposure.

Warnung

Die Vornahme von Regelungen oder Einstellungen oder die Durchführung von Verfahren, die nicht in diesem Dokument angegeben sind, kann eine gefährliche Einwirkung von Laserstrahlung zur Folge haben.

CLASS 1 LASER PRODUCT
PRODOTTO AL LASER DI CLASSE 1
KLASSE 1 LASERPRODUKT
LASERPRODUKT KLASSE 1
LUOKKA 1 LASERTUOTE
PRODUTO LASER DA CLASSE 1
PRODUIT LASER DE CLASSE 1
PRODUCTO LASER DE LA CLASE 1
LASERPRODUKT DER KLASSE 1
LASERPRODUKT KLAS 1

Technical Specifications

Bar Codes Supported	UPC/EAN/JAN, Code 128, Code 39, ITF, and optional - RSS-14 and RSS-Limited
Minimum X Dimension	7.5 mil
Depth of Field	2.5 in to 5.5 in for 10 mil 2.5 in to 6 in for 13 mil 3 in to 7 in for 17 mil
Memory Capacity	Approximately 500 UPC bar codes (optional 4000)
Radio Specifications*	Bluetooth class 2, 1.1 compliant
Range*	10 m., 33 ft., line-of-sight
Cable	RS-232 compatible, DB9 to Stereo plug
Indicators	Visual and Audible
Operating Temperature	5° to 35° C
Storage Temperature	-40° to 70° C
Power	3 AAA Alkaline Batteries
Safety	EN60950-1:2002, EN60825-1:1994 +A1:2002 +A2:2001
EMC	EN300328-1:1997*, EN301489-1:2000*, EN301489-17:2000*, EN55022:1998, EN55024:1998, EN61000-4-2: 1995, EN61000-4-3:1997, FCC 47 CFR, Part 15 Class B

*Cordless Scanner only

Programming Your Flic / Flic Cordless Laser Bar Code Scanner

Basic Functions

The Flic Scanner can be customized to suit your needs. You can use the bar codes below to turn on or off the audible beep, clear the memory, or return the scanner to its factory default settings.

Enable All Beeps



Clear Bar Codes



Disable All Beeps



Return to Factory Defaults



Advanced Functions

The Flic Scanner can be used in many legacy systems by programming it to be compatible with the settings for those systems. The following advanced settings allow you to change the default data format. For more information on these and other features of the scanner visit Developer Support at www.flicscanner.com.

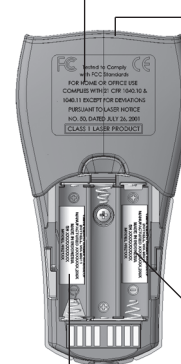
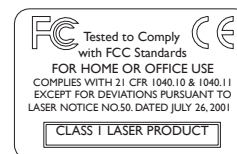
Enable AIM Code



Disable AIM Code*



* Factory default settings



Laser light is emitted from this aperture

MICROVISION, INC.
19910 NORTH CREEK PARKWAY
BOTHELL, WA 98011
MADE IN INDONESIA
PATENTS PENDING
MODEL HS21XX

[BAR CODE]
SN XXXX XXXX XXXX
MANUFACTURED YYYY/MM/DD

Disposal

Do not dispose of this product in unsorted municipal waste. To dispose of this product, contact seller.

Accessories

Accessory

Flic Cordless Bluetooth USB Base Station
Flic Universal Holster
Flic Cordless Protective Boot
Flic USB Cable Adapter
Flic Serial Cable

Model Number

BT-2141-02
HS 2120-02
HS 2141-01
HS 2120-04
HS 2120-05

Shop for Flic Accessories
www.flicscanner.com