



## NSC-100 / NSC-200

### Safety Instructions and Additional Warnings

#### WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

1. Read and follow all warning notices and instructions marked on the product and included in this guide.
2. Use only the AC Adapter/Charger supplied with the product. Do not use AC adapter/Charger outdoors or in wet or damp locations. Connecting the AC Adapter/Charger to the correct mains voltage as indicated on the ratings label.
3. Charge the lithium-ion battery using only the VIAVI battery charger. The battery is to be used only with VIAVI test products.
4. Do not allow anything to rest on the power cord, and do not locate the product where persons can walk on the power cord. Do not position power cord and charger in a manner that makes it difficult to disconnect from the main voltage.
5. To disconnect power from the device, remove the plug on the power cable. Position the device to ensure that the cord does not present a tripping hazard.
6. Disconnect all cables, and power the instrument down before removing the modules or to access the battery.

#### WARNING

To prevent electrical shock do not disassemble unit. Only the removable battery cover should be removed.

#### WARNING

Danger of extreme heat, fire or explosion if battery is tampered with. Replace only with VIAVI battery, (NSC-Battery, Li-Ion 7.4 V, 32.6 Wh). Do not dispose of battery in fire or water.

Follow all local restrictions regarding the proper disposal or recycling of the battery. Keep the battery away from heat sources above 60° C. (140° F).

7. Refer to data sheet for operating conditions.
8. For technical assistance, visit <http://www.viavisolutions.com/en/services-and-support/support/technical-assistance> or call +1-844-GO-VIAVI (+1-844-468-4284).
9. Clean the unit with a clean dry cloth.
10. Inspect the unit and accessories for damage. Do not use if there is damage to the exterior of the unit or power accessories. Do not use if the power cable is damaged or frayed. Only replace power cables with cables of the same ratings.
11. The input voltage of the unit is 15 VDC with a maximum current draw of 3 Amps.
12. The automotive charger is current limited to approximately 3.6 A.

13. Instructions for returning waste equipment and batteries to VIAVI can be found in the Environmental section of VIAVI's web site at <http://www.viavisolutions.com/en/services-and-support/support/technical-assistance>. If you have questions concerning disposal of your equipment or batteries, contact VIAVI's WEEE Program Management team at WEEE.EMEA@viavisolutions.com.

#### WARNING

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

#### WARNING

Do not use this product in the vicinity of a gas leak or in any other explosive environment.

#### WARNING ELECTRICAL SHOCK

Electrical shock may result in serious injury or death. Be sure the charger AC input is connected to the correct voltage mains. Use only the universal input USB-C charger with the test set.

14. The technical specifications for the unit are located at <http://www.viavisolutions.com/en/services-and-support/support/technical-assistance>.

For any questions, please contact us at:

**VIAVI Solutions  
Network and Service Enablement  
6001 America Center Drive  
San Jose, CA, 95002**

### EU Safety Standards

Safety & Health IEC/EN 61010-1:2010  
(RE-D Article 3.1A) EN 62209-1/2:2010

### Interconnect Ratings

Interface	Classification	Max voltage
Ethernet (RJ45)	SELV	± 2.5 VDC
USB-C	SELV	15 VDC
SFP Socket	SELV	3.3 VDC
USB	SELV	5 VDC

### Federal Communications Commission (FCC) Notice

This product was 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 product 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 product in a residential area is likely to cause harmful interference, in which case you will be required to correct the interference at your own expense.

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.

The authority to operate this product is conditioned by the requirements that no modifications be made to the equipment unless the changes or modifications are expressly approved by VIAVI.

### CAUTION:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The End user must follow the specific operating instructions for satisfying RF exposure compliance.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Industry Canada Requirements

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class A digital apparatus complies with Canadian ICES-003.

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

Device operation in the band 5150–5250 MHz is only for indoor use.

Dans la bande de fréquence 5150-5250 Mhz, l'utilisation du produit doit être uniquement en intérieur

### Brazilian Anatel Regulation on Restricted Radiation Radio Communication Equipment (Resolution No. 680)

This equipment is not entitled to protection against harmful interference and may not cause interference with duly authorized systems.

### Regulamento Anatel sobre equipamentos de Radiocomunicação de Radiação Restrita (Resolução nº 680)

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

### Japan Radio Law

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。電波法により5.2/5.3 GHz帯は屋内使用に限ります。

This equipment contains specified radio equipment that has been certified to the Technical Regulation Conformity Certification under the Radio Law with the GITEKI Mark.

### Specifications

- External AC/DC Power Supply (USB-C):  
Input: 100–240 VAC, 1.2A Max, 50–60 Hz  
Output: 15 VDC, 3 A
- Unit DC Input (USB-C):  
DC Power Input: 15 VDC, 3A Max
- Internal Battery: NSC-Battery, Li-Ion 7.4 V, 252P, 32.6 Whr
- Environmental:  
Operational Temperature Range: -10 to +50° C  
Storage Temperature Range: -20 to +60° C  
Relative Humidity: 10–90% RH Non-Condensing  
Max Altitude: 4000m



### VIAVI Solutions

<b>North America</b>	<b>1.844.GO VIAVI / 1.844.468.4284</b>
<b>Latin America</b>	<b>+52 55 5543 6644</b>
<b>EMEA</b>	<b>+49 7121 862273</b>
<b>APAC</b>	<b>+1 512 201 6534</b>
<b>All Other Regions</b>	<b>viavisolutions.com/contacts</b>
<b>email</b>	<b>TAC@viavisolutions.com</b>

22137286  
May 2022  
English

© 2022 VIAVI Solutions Inc.  
Product specifications and descriptions in this document are subject to change without notice.