

AXONE NEMO LIGHT



Rev.

TEXA

ENGLISH.....5

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1 REVISION OF THE MANUAL

This document is the technical manual for the product: AXONE NEMO LIGHT

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INFORMATION	<i>This manual is an essential part of the product and accompanies it from its birth up to its discontinuation.</i>
	<i>Read this manual before using the product. See the user instructions whenever the general risk symbol is shown in the product, so to understand the source of the danger and carry out the actions required to eliminate or mitigate the risk.</i>

2 INTRODUCTION

Dear Customer,

We would like to thank you for choosing a TEXA product for your workshop.

We are certain that you will get the greatest satisfaction from it and receive a great deal of help in your work.

Please read through the instructions in this manual carefully and keep it for future reference.

Reading and understanding the following manual will help you to avoid damage or personal injury caused by improper use of the product to which it refers.

TEXA S.p.A reserves the right to make any changes deemed necessary to improve the manual for any technical or marketing requirement; the company may do so at any time without prior notice.

This product is intended for use by technicians specialised in the automotive field only. Reading and understanding the information in this manual cannot replace adequate specialised training in this field.

The sole purpose of the manual is to illustrate the operation of the product sold. It is not intended to offer technical training of any kind and technicians will therefore carry out any interventions under their own responsibility and will be accountable for any damage or personal injury caused by negligence, carelessness, or inexperience, regardless of the fact that a TEXA S.p.A. tool has been used based on the information within this manual.

Any additions to this manual, useful in describing the new versions of the program and new functions associated to it, may be sent to you through our TEXA technical bulletin service.

This manual should be considered an integral part of the product to which it refers. In the case it is resold the original buyer is therefore required to forward the manual to the new owner.






















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3 LEGEND OF THE SYMBOLS USED

Some of the symbols indicated below may not be used in the manual.

	Toxic material hazard		Laser beam hazard
	Explosive material hazard		Low temperature danger - freezing
	Electric shock hazard		General Risk
	Electromagnetic field hazard		Obligation to read the instructions
	Flammable material hazard		Safety glasses required
	Hot surface hazard		Protective gloves required
	Corrosive substance hazard		Protective clothing required
	Risk of noise level above 80 dB(A)		Respiratory protection required
	Moving Parts Risk		Disconnect mains plug from electrical outlet
	Risk of crushing hands		Do not wet the device
	Floor level obstacle warning		

	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, will result in serious permanent injury or death.
	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, may result in serious permanent injury or death.
	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, may result in minor injury.

<i>NOTICE</i>	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, may result in material damage.
INFORMATION	This is not a safety symbol. It indicates important information.

4 SAFETY RULES

The technology used in designing and inspecting the production of the **AXONE NEMO LIGHT** display units makes them reliable, simple and safe to use.

The personnel in charge of using diagnostic tools is required to follow the general safety regulations and use the **AXONE NEMO LIGHT** display units for their intended use only and to carry out the maintenance as described in this manual.

All the safety requirements issued by the following must be assessed and applied:

- *Labor inspectorate.*
- *Trade associations.*
- *Vehicle manufacturers.*
- *Anti-pollution regulations.*

in force in the country where the product is used.

INFORMATION

The indications below are generally valid also for the display unit's modules (as optional or standard equipment).

Further and specific indications are provided when needed in the related chapters / manuals.

4.1 Intended Use

Product	Intended Use
AXONE NEMO LIGHT	connection and management of peripheral devices for self-diagnostics through specific software

4.2 Glossary

Operator: qualified individual responsible for using the display unit.

Display unit: **AXONE NEMO LIGHT**

Peripheral device: any tool or device that the display unit can interface with.

INFORMATION

The definition of "operator" cannot be applied to minors or to people with reduced physical, sensory or mental capabilities or without any experience or knowledge required.

4.3 General Rules



The operator must have carefully read and fully understood all the information and instructions in the technical documents provided with the display unit. If the operator cannot read this manual, it is responsibility of the owner of the tool/employer/person in charge of the safety to illustrate the contents of this document and adequately train the operator in relation to the operating instructions and safety measures for a proper use of the tool.

- *The operator that works on vehicles must have basic qualifications and knowledge of mechanics, automotive engineering, vehicle repairing and of the potential dangers that may arise during self-diagnosis operations.*
- *The operator must follow all the instructions provided in the technical documents.*
- *The operator must monitor the display unit during the operating phases wherever this is possible in compliance with the safety measures indicated below.*
- *The operator must periodically check the electrical connections of the display unit, making sure they are in good condition and immediately replacing any damaged cables.*
- *Contact your retailer for any non-scheduled maintenance.*
- *Do not remove or damage the labels on the display unit; do not in any case make them illegible.*
- *The display unit can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities, or lack of experience or necessary knowledge, as long as they are supervised or given instructions concerning safe use of the equipment and understand the hazards involved.*
- *Children must not play with the display unit.*

4.4 Operator Safety

CAUTION



The display unit and portable devices that contain WAN wireless modems in general, use radio signals and it is not possible to guarantee a connection to a mobile network in all conditions.

Remember that in order to make or receive calls, the display unit or portable devices containing the WAN wireless modem must be switched on in an area within the signal's range.

Some networks do not allow emergency calls if certain network services or device functions are in use (for example, lock functions, etc.).

Some networks require a valid SIM card to be inserted in the display unit or portable device containing the WAN wireless modem.

Safety Measures:

- *Do not rely exclusively on wireless devices for essential communications, for example emergency calls.*
- *Check whether lock and similar functions need to be deactivated in order to make emergency calls.*

! WARNING

A display unit positioned in an airbag expansion area can be thrown towards the occupants in the vehicle causing severe damage and injuries in case of a violent impact.

Safety Measures:

- *Do not place the display unit in the airbag expansion zone.*

! WARNING

Some self-diagnosis operations allow you to activate/deactivate certain actuators and safety systems on the vehicle.

Safety Measures:

- *In order to avoid injuries and/or damage to the device or the electronic systems in the vehicle connected to the unit, do not allow unqualified personnel to use the display unit.*
- *Follow the instructions supplied by the software closely and carefully.*

! WARNING

The driver of a vehicle is responsible for driving in a responsible and safe manner.

The use of the display unit while driving can be a distraction and may be limited or banned in some areas.

Safety Measures:

- *Always respect the laws and regulations in force with respect to the use of mobile devices.*
- *Do not input nor check written data while driving.*
- *Enter the destination information before starting to drive.*
- *Do not enter navigation information while driving.*
- *Do not carry out any operation that may distract your attention from the road.*

4.5 Display Unit Safety**NOTICE**

The display unit was designed to be used in specific environmental conditions.

Using the display unit in environments with temperature and humidity values that differ from those specified may impair its efficiency.

Safety Measures:

- *Always place the display unit in a dry area.*
- *Do not expose the display unit to outdoor weather conditions.*
- *Do not expose or use the display unit close to heat sources.*
- *Do not place the display unit on hot surfaces.*
- *Do not use corrosive chemicals, solvents or harsh detergents to clean the display unit.*
- *Avoid the display unit coming into contact with powders and dirt in general wherever possible.*

NOTICE



The display unit was designed to be mechanically tough and suitable for use in a workshop.

Careless use and excessive mechanical strain may impair its efficiency.

Safety Measures:

- *Do not drop, shake or knock the display unit.*
- *Do not perform any action that may damage the display unit.*
- *Do not open or disassemble the display unit.*
- *Never force a connector into a port.*
- *Check for any blockages in the port.*
- *Make sure the connector matches the port and that it is positioned correctly.*
- *Always place the display unit on flat surfaces with the screen facing up.*
- *Do not use sharp objects or others that may damage the screen's surface.*
- *Do not rest work tools or other weights on the display unit screen.*
- *Do not use the display unit as a work surface.*

NOTICE



The display unit was designed to be electrically safe and to work with specific supply voltage levels.

Failure to comply with the specifications related to the power supply may impair the efficiency of the display unit.

The provided power adaptor can overheat while recharging the battery.

Safety Measures:

- *If the unit is immersed in liquid, clean and dry the power supply jack connector with a clean cloth.*
- *Do not wet or immerse the display unit in chemical substances.*
- *Do not use external batteries to supply the display unit.*
- *Only use the power adaptor provided to recharge the internal batteries, connected to the display unit in the way described in this manual.*
- *Disconnect the power adaptor in case of overheating and let it cool down between one charge and the other.*
- *Wear the most suitable personal protective equipment to avoid static electricity.*

NOTICE

The electromagnetic compatibility tests carried out on the tool guarantee that it can be adapted to the technologies normally used on vehicles (e.g.: engine check, ABS, airbag, etc.). Nevertheless, if malfunctions occur you should contact the vehicle's dealer.

5 ENVIRONMENTAL INFORMATION



Do not dispose of this product with other undifferentiated solid waste.
For information regarding the disposal of this product please see the pamphlet supplied.

6 OPERATION OF THE RADIO DEVICES

Wireless connection with Bluetooth and WiFi technology

The wireless connectivity with Bluetooth and WiFi technology supplies a standard and reliable method to exchange information between different devices, using radio waves. Other than TEXA products, even products such as cellular phones, portable devices, computers, printers, cameras, Pocket PCs, etc. use this type of technology.


The Bluetooth and WiFi interfaces look for compatible electronic devices according to the radio signal they emit and establish a connection between them. TEXA tools select and only prompt you with compatible TEXA devices. This does not exclude the presence of other sources of communication or disturbance.

THE EFFICIENCY AND THE QUALITY OF THE BLUETOOTH AND WiFi COMMUNICATIONS MAY BE INFLUENCED BY THE PRESENCE OF RADIO DISTURBANCE SOURCES. THE COMMUNICATION PROTOCOL HAS BEEN DEVELOPED TO MANAGE THESE TYPES OF ERRORS; HOWEVER, IN THESE CASES COMMUNICATION MAY BECOME DIFFICULT AND CONNECTION MAY REQUIRE SEVERAL ATTEMPTS.

SHOULD THE WIRELESS CONNECTION BE CRITICAL AND COMPROMISE A REGULAR COMMUNICATION, THE SOURCE OF THE ENVIRONMENTAL ELECTROMAGNETIC DISTURBANCE MUST BE IDENTIFIED AND ITS INTENSITY MUST BE REDUCED.

Position the tool so that the radio devices it is equipped with can work properly. In particular, do not cover it with any shielding materials or with any metallic materials in general.

7 NORMATIVE INFORMATION

	<p>The manufacturer, TEXA S.p.A., declares that the radio equipment type AXONE NEMO LIGHT is compliant with the following directives:</p> <ul style="list-style-type: none">• <i>RED 2014/53/EU</i>• <i>RoHS 2011/65/EU and Delegated Directive 2015/863/EU</i> <p>The complete text of the EU declaration of conformity is available at the following Internet address http://www.texa.it/download.</p>
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USE RESTRICTIONS AND WARNINGS (FCC / ISED)

Modification statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à utiliser l'équipement.

Labeling information

Device model: **AXONE NEMO LIGHT**

- *Contains FCC ID: T8RAXNL23*
- *Contains IC: 23618-AXNL23*

FCC Compliance

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.

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.*

Cet appareil est conforme à la partie 15 des règlements de la FCC. L'utilisation est soumise aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Remarque: Cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règlements de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle.

Ce produit génère, utilise et peut émettre des ondes radio qui peuvent causer des interférences nuisibles s'il n'est pas installé et utilisé conformément aux instructions. Si néanmoins ce produit cause des interférences nuisibles à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en rallumant l'appareil, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes:

- *Réorienter ou déplacer l'antenne de réception.*
- *Augmenter la distance entre le produit et le récepteur.*
- *Brancher l'appareil sur une prise de courant différente de celle à laquelle le récepteur est raccordé.*
- *Consulter le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.*

ISED compliance

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This radio transmitter has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

L'émetteur/recepteur exempt de licence contenu dans le present appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent émetteur radio a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

ICES-003 Class B Notice -Avis NMB-003 Classe B: This Class B digital device complies with Canadian ICES-003

Cet appareil numérique classe B est conforme à la norme canadienne NMB-003. CAN ICES-3(B) / NMB-3(B)

RF Radiation Exposure statement

This product complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This device complies with Health Canada's Safety Code. The installer of this device should ensure that RF radiation is not emitted in excess of the Health Canada's requirement.

Cet appareil est conforme aux limites d'exposition aux rayonnements de l'ISED pour un environnement non contrôlé. L'antenne doit être installée de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.

Cet appareil est conforme avec Santé Canada Code de sécurité 6. Le programme d'installation de cet appareil doit s'assurer que les rayonnements RF n'est pas émis au-delà de l'exigence de Santé Canada.

Responsible party's contact located in Canada:

Company Name: Canadian Certification Consulting, Inc.

ISED Company No: 10842A

Contact Name: Jon Hughes, President

Street Address: 2210 Horizon Drive, Suite 17

City/Province/Zip: West Kelowna - BC V1Z 3L4 - Canada

Phone No: 1-250-575-1719

Email: info@can-cert.com

Responsible party's contact located in U.S.:

Company Name: TEXA USA Inc.

Contact Name: Fabio Mazzon, Technical Manager

Street Address: 292 Fernwood Avenue

City/Province/Zip: Edison, NJ 8837 - United States

Phone No: (732) 325-8617

Email: fabio.mazzon@texa.com

FRN: 0033570946

8 AXONE NEMO LIGHT

AXONE NEMO LIGHT is the most recent solution for accessing the **TEXA** diagnosis, distinguished for its versatility and lightness.



The device's body is made with a high impact-resistant polymer, which offers lightness and an efficient heat dissipation.

There are two cameras on the device, one in the front and one on the back, useful to create detailed customer reports and send photos of technical details to the assistance centre.

AXONE NEMO LIGHT mounts the following modules:

- **BLUETOOTH:** *it allows the display unit to connect to a large range of diagnostic and measuring tools and devices and to work freely around the vehicle or comfortably sitting inside it.*
- **WiFi:** *it allows the display unit to connect to the Internet and download updates by connecting to a router / access point or to your smartphone.*

For further information, contact your retailer.

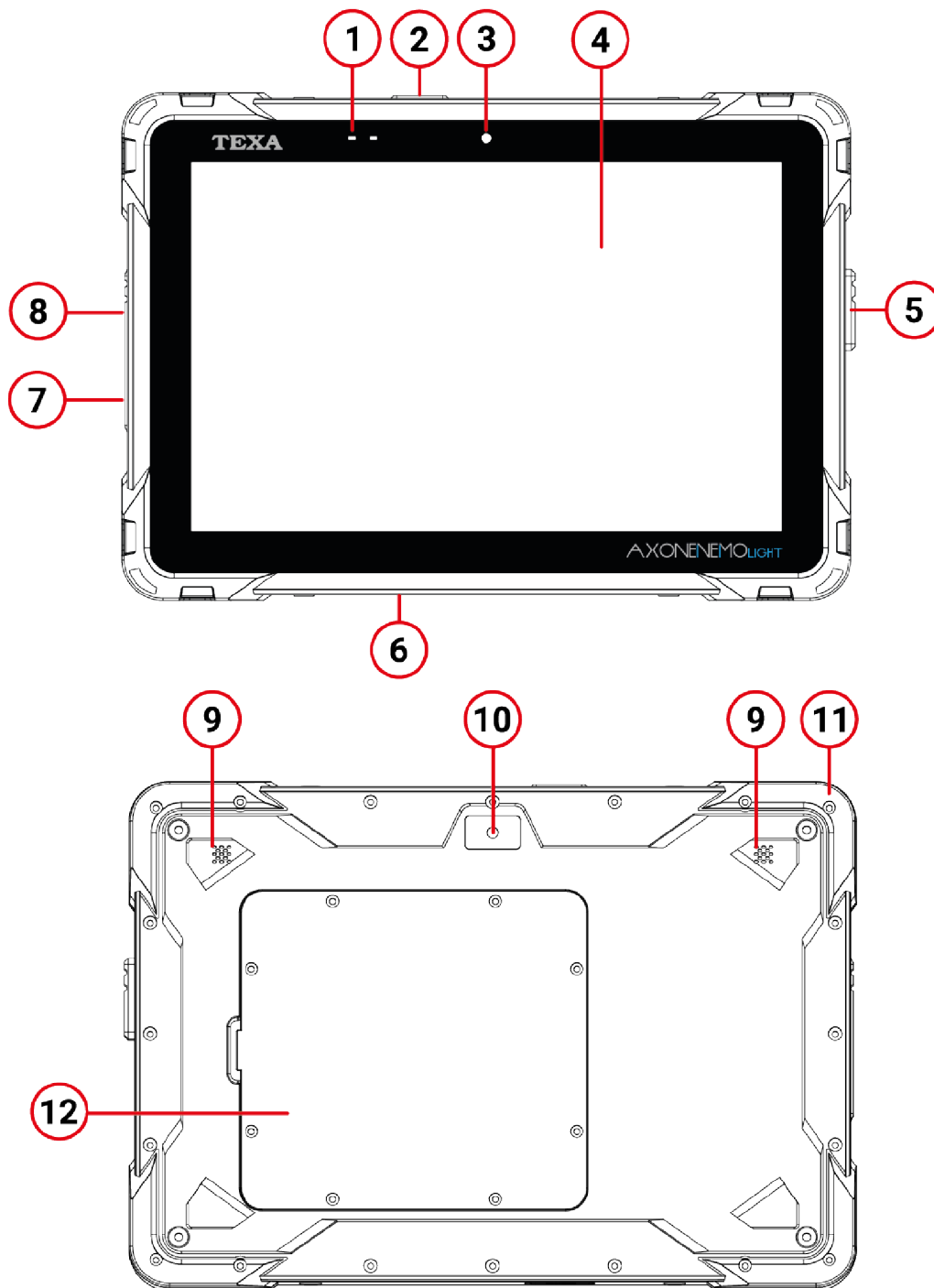
8.1 Package contents

The **AXONE NEMO LIGHT** is conveniently packed in a cardboard box along with its accessories.

The packaging contains:

- *AXONE NEMO LIGHT;*
- *multi-plug power adapter + 5 plugs;*
- *USB drive with the software manuals and installation setup;*
- *documentation.*

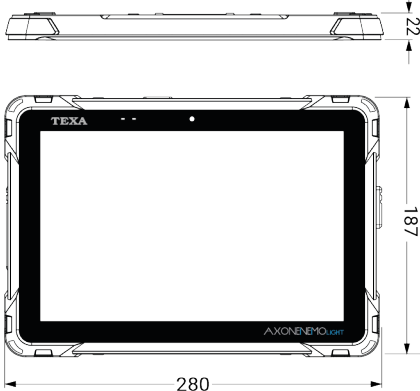
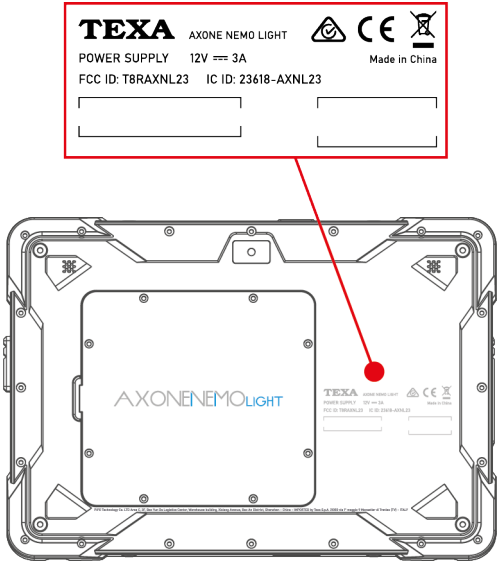
9 DESCRIPTION



- 1. LEDs
- 2. POWER button
- 3. Front camera
- 4. 10.1" display
- 5. USB connector
- 6. Power supply connector
- 7. HASP key connector
- 8. Micro HDMI connector
- 9. Speaker
- 10. Rear camera
- 11. Protective case
- 12. Battery housing

10 TECHNICAL FEATURES

Manufacturer:	TEXA S.p.A.
Model:	AXONE NEMO LIGHT
Processor:	Intel N100, Quad-Core Intel UHD Graphics 600 Integrated in CPU
RAM memory:	8 GB
Hard Disk:	256 GB eMMC
Bios:	64 Mbit Flash ROM, AMI BIOS
Operating system:	Windows™ 11 IoT Enterprise
Video peripheral devices (built-in):	Display: high-contrast ultra-wide view angle; Dimensions: 10.1"; Resolution: 1920x1200 pixel; Ratio: 16:10; High sensitivity touch controller; Capacitive 10-touch, fully laminated display. Supports active pen.
Audio processor:	Realtek
Audio peripheral devices (built-in):	2 speaker
Wireless peripheral devices (built-in):	<ul style="list-style-type: none"> • <i>Wi-Fi: 6 (802.11ax)</i> • <i>Bluetooth: 5.2</i>
I/O peripheral devices:	1 USB Type A 2.0 1 USB Type A 3.0 1 micro HDMI
Cameras:	Front:2 Mpixel Rear:5 Mpixel
LED:	1 green LED (system status) 1 red LED (charging / power supply status)
Internal battery:	Type: rechargeable Li-ion44,4 Wh; 7,4 Vdc; 6000 mAh Model: 529597
Display unit internal battery recharging temperature	0° C ÷ 45 °C
External power supply:	From external power adapter model FX36C - 120300K: <ul style="list-style-type: none"> • <i>Input:100-240 Vac; 0.8 A; 50-60 Hz</i> • <i>Output:12 V - 3.0 A</i>
Absorption:	12 Vdc (2 Adc)
Operating temperature:	0 ÷ 40 °C
Storage temperature:	- 10 ÷ 50 °C

<p>Operating moisture:</p>	<p>10 ÷ 80 % without condensation</p>
<p>Dimensions [mm]:</p>	
<p>Weight:</p>	<p>1080 g</p>
<p>Directives:</p>	<p>RED 2014/53/EU RoHS 2011/65/EU and Delegated Directive 2015/863/EU</p>
<p>Electrical Safety:</p>	<p>EN IEC 62368-1:2020+A11:2020</p>
<p>Electromagnetic Compatibility:</p>	<p>EN 301 489-1 EN 301 489-3 EN 301 489-17 EN 300 440 EN 301 893 EN 300 328 EN 62479 EN 50566 EN 62209-2</p>
<p>Data plate:</p>	 <p>TEXA AXONE NEMO LIGHT POWER SUPPLY 12V 3A FCC ID: T8RAXNL23 IC ID: 23618-AXNL23 Made in China</p> <p>AXONENEMO LIGHT</p>

11 PRELIMINARY OPERATIONS

In the following the preliminary operations necessary to make the display unit completely operational are described.

The operations are divided into the following phases:

1. *Internal battery charge*
2. *First operating system configuration*
3. *Connected to WiFi network*
4. *Diagnostic software installation (optional)*

INFORMATION

The device is provided with the Wi-Fi and Bluetooth modules already activated.

11.1 Internal Battery Charge

The display unit is powered by an internal battery that must be recharged completely before switching on the device the first time.

INFORMATION

Charge the internal battery completely when switching on the display unit for the first time.

Proceed as follows:

1. *Charge the device connecting it to the mains using the supplied power adaptor.*
2. *Wait for the red LED to turn off.*

When the battery is fully charged, the green LED turns solid on.

Normally, a **complete recharge** takes **about 4 hours** when connected to the mains without interruption.

For further information see the Power supply chapter.

11.2 First Operating System Configuration

The display unit is delivered with the operating system preinstalled and ready for the first configuration.

NOTICE

Keep the device powered throughout the entire duration of this phase.

During the procedure the system may be restarted one or more times.

Proceed as follows:

1. Press the **POWER** button until the green LED lights up.
2. Accept the terms of the EULA - End-User License Agreement.

INFORMATION

The system may restart a few times: wait for the operations to complete without turning off the display unit.



The first operating system configuration is carried out as established by the operating system's manufacturer.

The procedure described is simply a guideline.

For further information see the documentation provided by the operating system's manufacturer.

At the end of the configuration the display unit's serial number is set as the display unit's name.

Once this phase is complete, the first time the display unit is turned on an interface through which the **EOBD Scan Tool** function can be started appears.

11.3 WiFi Network Configuration

In order to take advantage of the display unit's potentialities, you must connect it to the workshop's WiFi network.

Proceed as follows:

1. Make sure the workshop's WiFi router / access point is turned on.
2. Turn on the display unit.



3. In the application bar notification area, select the network icon
4. Select the network you wish to connect the display unit to.
5. Press Connect
6. Enter the network's password (if required).
7. Follow the additional instructions if provided by the operating system.



For further information see the documentation provided by the operating system's manufacturer.

11.4 Diagnostic Software Installation and Configuration

At the end of the first configuration, you may proceed with the installation of the diagnostic software if you wish to.

The software purchased is in the supplied USB flash drive.

INFORMATION

The installation of the software is optional: if this phase is not carried out, this will not compromise the display unit's operation.

Proceed as follows:

1. *Connect the USB flash drive to the display unit.*
2. *Access the contents of the USB flash drive through the system functions.*
3. *Identify the setup of the diagnostic environment purchased.*
4. *Launch the installation by pressing on the setup.exe file.*
5. *Follow the instructions indicated in the software's Setup Manual.*

INFORMATION

The diagnostic software can also be installed using the Download Manager application.

At the end of the installation the diagnostic software's icon appears on the desktop.

You must carry out the configuration procedure before you are able to use the software.

Proceed as follows:

1. *Click on the software icon.*
2. *Select the language.*
3. *Follow the configuration indications that appear on-screen.*

At the end of the configuration procedure the diagnostic software is ready for use.



For further information consult the software's Operating Manual.

12 CONNECTIVITY

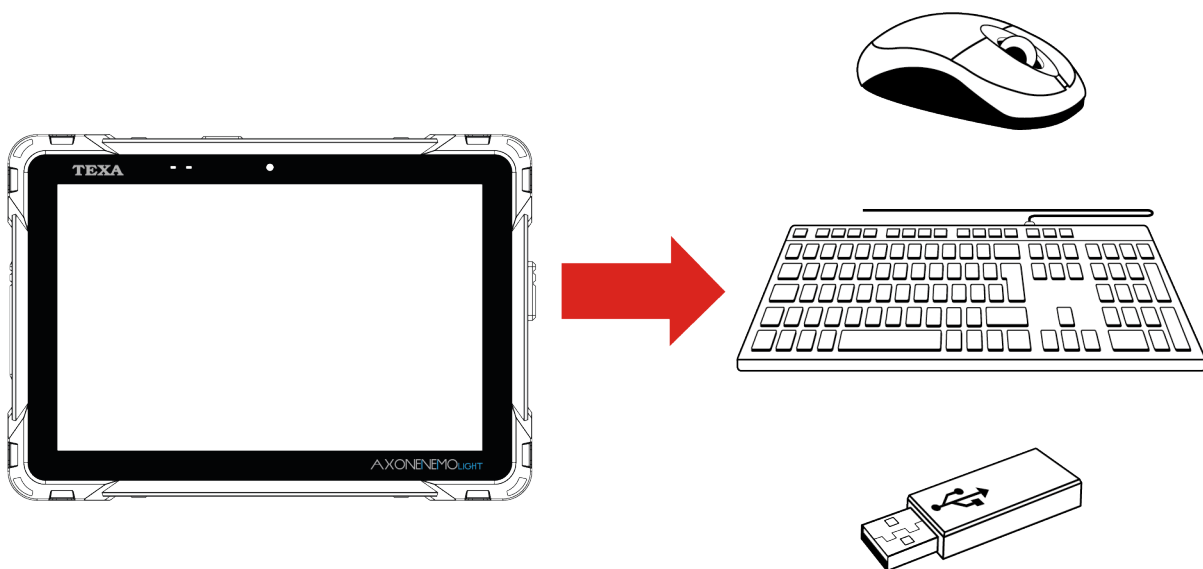
The display unit has several communication modes thanks to specific inbuilt modules. Each type of communication is dedicated to a specific use:

USB	Communication dedicated to connecting with peripheral devices.
BLUETOOTH	Communication dedicated to connecting with peripheral devices.
WiFi	Communication dedicated to connecting to the Internet through a smartphone, a router or an access point.

12.1 USB

The provided USB connectors allows connecting peripheral devices to the display unit directly using a cable, such as:

- *mouse*
- *keypad*
- *USB flash drives*
- *diagnostic tools*



The configuration of the communication is carried out through specific software functions.



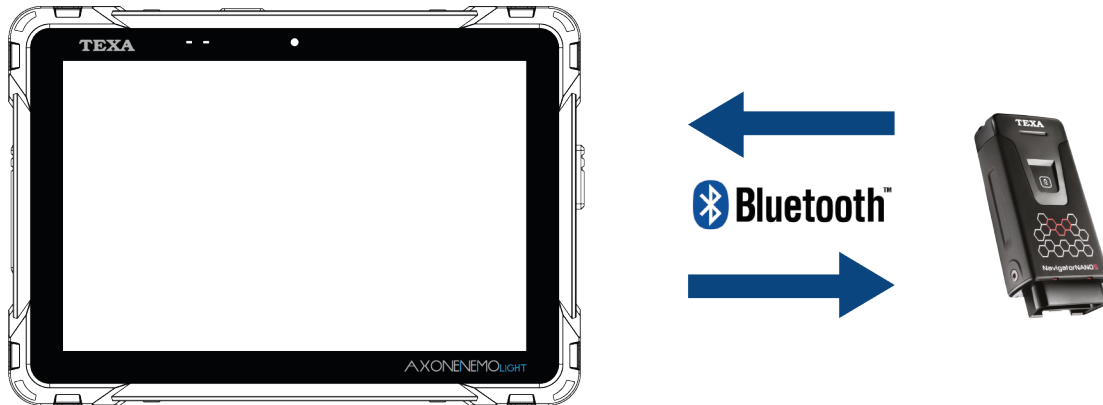
For further information see the software's Operating Manual.

12.2 Bluetooth

The **Bluetooth** module built into the display unit allows it to connect to various **peripheral devices** in the workshop.

INFORMATION

Do not connect external Bluetooth adapters to the display unit.



The Bluetooth module also allows you to connect to special **wireless headphones** equipped with a microphone.

The headphones are essential for the optimal use of some **remote assistance** functions available in the software.

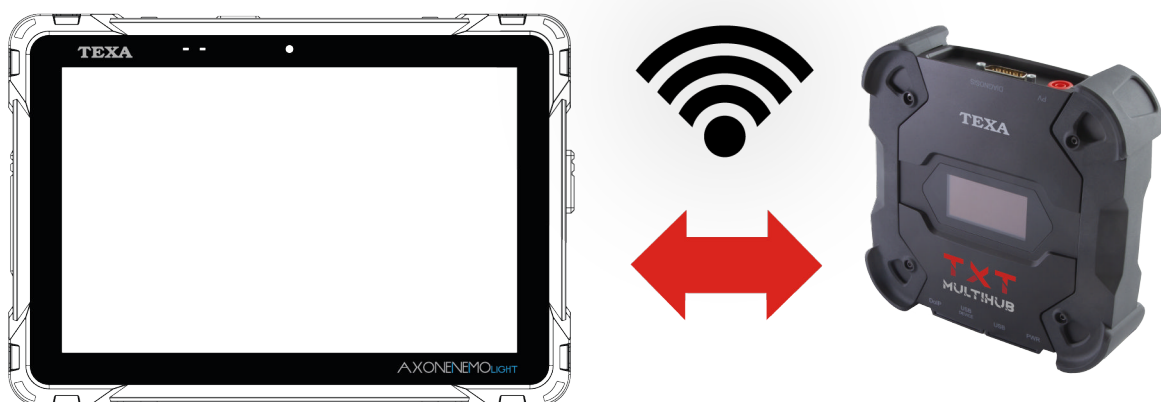
The configuration of the communication is carried out through specific software functions.



For further information see the software's Operating Manual.

12.3 WiFi

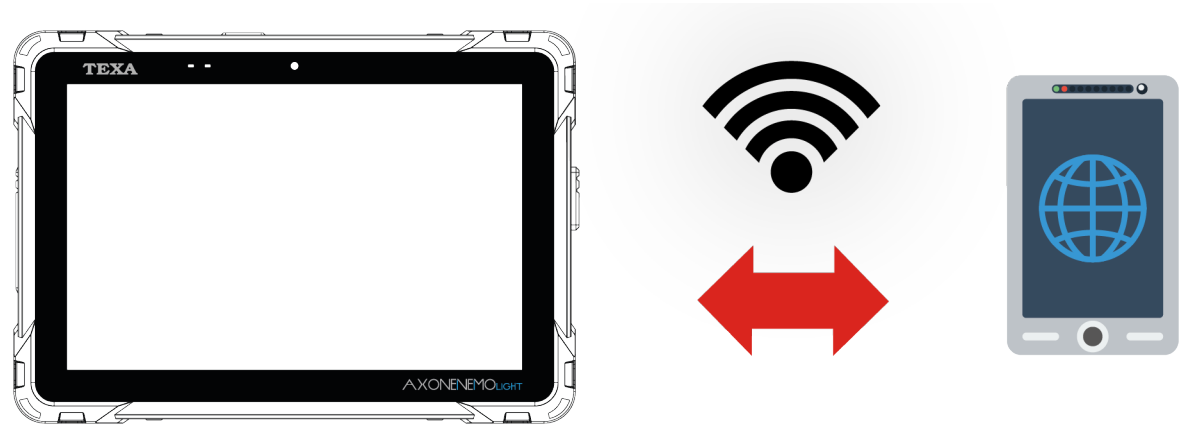
The **Wi-Fi** module built into the display unit allows accessing the Internet through an access point and communicating with Wi-Fi devices in the workshop.



The Internet connection allows you to use particular software functions that require connecting to the WEB.



Thanks to the WiFi module it is possible to connect the display unit to a **smartphone**. This way, it is possible to exploit the features of the smartphone to allow the display unit to connect to the Internet.



The features described are only supported by some smartphones.

INFORMATION *For further information, contact your retailer.*

13 User Instructions

The **AXONE NEMO LIGHT** display units must be used by qualified personnel.

TEXA S.p.A. offers its customers professional training courses.

In these training courses the technicians are followed step by step by specialised personnel to give them as much familiarity as possible with the use of the tools and the software. This way the technicians will learn how to make the best use of TEXA S.p.A. products.

For further information regarding the training courses offered by TEXA S.p.A. visit the website www.texa.it.

13.1 Power supply

The display unit is powered by an internal rechargeable battery that allows it to be used without a mains power supply.

The autonomy supplied by the battery allows you to use the display unit for the duration of a normal working day.

The internal battery can be charged by the mains using the supplied power adapter.

NOTICE

Do not charge/power the display unit using USB connectors.

Generally, the display unit can be used even during the battery recharging phase.

Normally, a **complete recharge** takes **about 4 hours** when connected to the mains without interruption.

INFORMATION

Charge the internal battery completely when switching on the display unit for the first time.

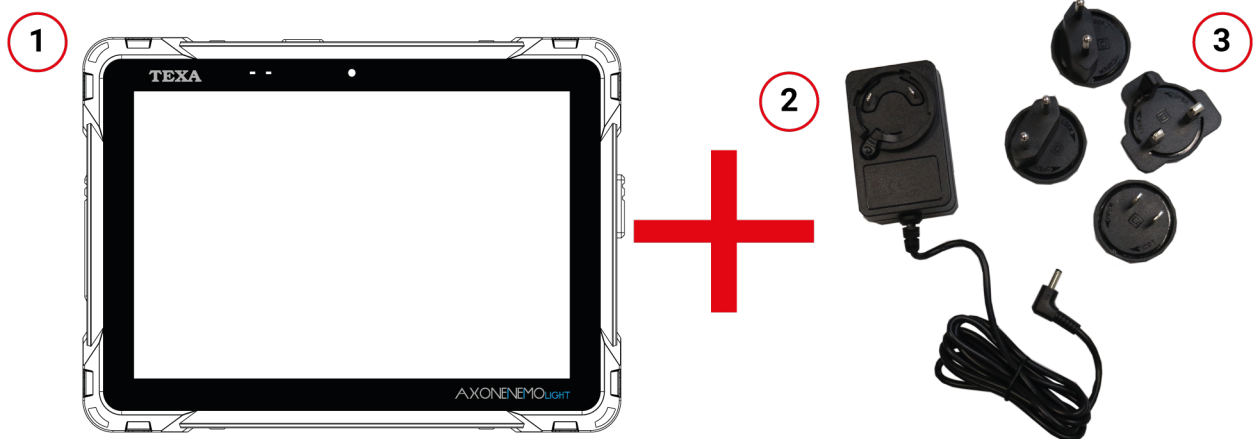
Use the provided power adapter only.

Keep the display unit powered through the mains throughout the entire duration of the software update.

Always charge the display unit after use.

13.1.1 Power Supply from the Mains

The display unit can be powered directly from the mains.



1. Display unit;
2. Power adapter;
3. International plugs.

Proceed as follows:

1. Insert the specific plug for the country into the power adapter's connector.
2. Connect the power adapter's jack to the display unit's power supply connector.
3. Connect the power adapter's cable to a mains socket.

13.2 Switch On and Switch Off

13.2.1 Switching on

To turn on the display unit, proceed as follows:

1. Press and hold the **POWER** button until the green LED lights up.
2. Wait for the operating system to start and for the **DESKTOP** screen to appear.



The green LED remains on.

The display unit is now ready for use.

NOTICE

If the red LED flashes while you are trying to turn on the unit, it indicates that the battery's state of charge is below/equal to 7%.

In this case, recharge the display unit and perform the switching on procedure again.

INFORMATION

To launch the diagnostic software, click on the related icon.



For further information consult the software's Operating Manual.

13.2.2 Standby

The display unit's energy consumption is optimised by the screen switching off automatically when not in use and by the possibility of placing the unit in standby.

The display unit screen switches off automatically after a few minutes if the unit is not in use and not communicating with peripheral devices.

To turn the screen on again, touch the touchscreen.

After the screen has been turned off, the display unit will automatically go into standby if not used for a prolonged period of time.

After the standby status, in case of extended inactivity (several hours), the display unit switches to the hibernation status.

To get the display unit out of the standby or hibernation status, press the **POWER** button until the green LED lights up.

The display unit can be put in standby manually.

Proceed as follows:

1. Press on the operating system's **START** icon.
2. Open the shutdown menu.
3. Select the **Sleep** option.



For further information see the software Operating Manual.

13.2.3 Switching off

The display unit must be switched off using the specific shutdown menu supplied by the operating system.

Proceed as follows:

1. Press on the operating system's **START** icon.
2. Open the shutdown menu.
3. Select the option **Shut down**.



For further information consult the software's Operating Manual.

13.2.4 Forced System Shutdown

If needed, you can force the display unit's shutdown.

This shutdown mode does not close other programs / processes still in progress.

NOTICE

By using this procedure, the data not saved previously will be lost.

Proceed as follows:

1. Press and hold the **POWER** button for approximately 10 seconds.

After the shutdown, the display unit can be restarted normally.

13.3 Blink codes

The display unit also supplies information through the flashing of the LEDs.

LED	FIXED ON	FLASHING	OFF
Green	Display unit on. With power supply connected: charging. Battery charged.	Display unit in standby.	Display unit off.
Red	With power supply connected: charging.	Without power supply connected: charge < 7%.	With power supply connected: charge complete. Display unit off.

13.4 Cameras

The display unit has a front camera and a rear camera.

The cameras are useful, for example, for photographing components that must be replaced and for which the spare part must be ordered.

The camera application and the storage of images in specific directories are managed through the operating system.

INFORMATION

If installing the diagnostic software, you can manage these peripheral devices through specific functions of this software.



For further information consult the software's Operating Manual.

13.5 Touchscreen

The touchscreen allows using the functions made available by the operating system and, if installed, by the diagnostic software without having to use a mouse and keyboard.

INFORMATION

Do not use sharp objects or others that may damage the screen's surface.

13.6 On-Screen Keyboard

Using the operating system's application bar you can make the keypad appear on-screen. The on-screen keypad can be used to enter the data if you do not have a physical keyboard available to connect to one of the display unit's USB connectors.

Proceed as follows:

1. *Press on the specific icon in the operating system's toolbar.*

14 DIAGNOSTIC SOFTWARE

The supplied diagnostic software must be used by qualified personnel.

TEXA S.p.A. offers its customers professional training courses.

In these training courses the technicians are followed step by step by specialised personnel to give them as much familiarity as possible with the use of the tools and the software. This way the technicians will learn how to make the best use of TEXA S.p.A. products.

For further information regarding the training courses offered by TEXA S.p.A. visit the website www.texa.it.

INFORMATION

To launch the diagnostic software, click on the related icon.

The software offers functions that allow you, for example, to:

- *perform self-diagnosis tests,*
- *carry out emissions' analyses,*
- *carry out tests on the ignition and charging systems,*
- *view road test recordings.*

Furthermore, the software supplies useful technical sheets and guided procedures to help you carry out particular operations (ex.: resetting the warning lights).

All the configuration operations for the display unit are performed via the software.

The software contains specific functions dedicated to its use in the display unit.

The selections and the activation of various software functions are carried out using the touch screen.



For further information regarding the installation of the software and its use, see the Setup Manual and Operating Manual.

! CAUTION

TEXA S.p.A. is not liable for the risk of losing the user's data, leaving to the user the responsibility for the protection of the data and/or information managed by the Software and by the Operating System by copying them.

In no case TEXA will be held liable for damage of any kind (including, as an example, damages due to losses or lost profits, interruption of the activity, loss of data and/or information or other economical losses) derived from the use, namely the inability in using the Software and/or Operating system.

14.1 Connection with the Peripheral Diagnostic Devices

In order to carry out the tests, you must install the provided diagnostic software and then use the specific software functions to perform the guided communication configuration procedure.

You can connect the desired peripheral device to the display unit the following ways:

- *via Bluetooth;*
- *via USB;*
- *via Wi-Fi;*

INFORMATION

The serial number to use in order to configure the communication is indicated on the label on the peripheral device.

Proceed as follows:

1. *Power the peripheral device you intend to configure.*
2. *Start the diagnostic software.*
3. *Start the specific software function for the configuration of the communication.*
4. *Follow the procedure for the configuration of the communication between the display unit and the peripheral device.*

INFORMATION

To change the communication mode between the display unit and the peripheral device, you must carry out the configuration procedure again.

The data collected by the peripheral devices is viewed on the display unit via the software.

NOTICE

Power, connect and switch on the peripheral device before launching applications that must interface with it.

Otherwise, communication errors may occur.



For further information, see the software's Operating manual and the peripheral device's Technical manual.

14.2 Update

The update of the diagnostic software can be performed the following ways:

- **via Wi-Fi**, *through an appropriate router/access point or a smartphone*;
- **via an external DVD player** * *connected to the display unit through the USB connector*;
- **via USB flash drive** *connected to the display unit through the USB connector*.

(*) *Not supplied.*

The connection between the display unit and the router / access point / smartphone must be configured according to the instructions in the manual of the device used for Internet access.

NOTICE

Keep the display unit powered by the mains while the update is being downloaded and installed.



For further information see the software's Operating Manual.

15 MAINTENANCE

This product does not require special maintenance. However, we recommend the following:

- *carefully follow the instructions provided in this manual;*
- *keep the product clean;*
- *periodically inspect the electrical connections making sure they are in good conditions;*
- *immediately replace any damaged cables;*
- *only use original spare parts or spare parts approved by the manufacturer;*
- *contact your retailer for extraordinary maintenance operations;*

INFORMATION

For further help, contact your retailer or the technical assistance service.

You can see the list of authorised retailers at the following address: <https://www.texa.com/sales-network>

16 TROUBLESHOOTING

Contact your supplier / retailer about any technical problem that cannot be resolved by following the instructions below.

PROBLEM	PROBABLE CAUSE	POSSIBLE SOLUTION
The display unit is not communicating with the peripheral devices.	The peripheral device is off.	Turn on the peripheral device.
	The peripheral device is not within range of the display unit.	Place the peripheral device within range of the display unit.
		Place the display unit within range of the peripheral device.
	The communication was not configured correctly.	Operate the configuration through the special function in the software.
	The display unit has been placed near shielding material.	Move the display unit away from shielding material.
	Other wireless communications interfere with the signal.	Move away from possible sources of interference.
If possible, switch off the devices causing the interference.		
Wait and try to communicate again.		
The display unit is not responding to touchscreen commands.	A software procedure is blocked.	Use an external mouse and keyboard.
		Force the shutdown.
The display unit will not switch on.	The internal batteries are low.	Recharge the display unit.
	The CPU and / or the batteries temperature is high.	Wait for the CPU and / or the batteries to cool down, then try again.

PROBLEM	PROBABLE CAUSE	POSSIBLE SOLUTION
The display unit will not communicate with the smartphone / router / access point.	The display unit and the smartphone / router / access point are not within range of each other's radio modules.	Move the two devices closer together. Make sure the WiFi peripheral device is switched on.
	The display unit has been placed near shielding material.	Move the display unit away from shielding material.
	The communication was not configured correctly.	Configure the communication as described in the related manuals.
	The smartphone / router / access point is switched off / not working.	Check the status of the smartphone / router / access point.

17 LEGAL NOTICES

TEXA S.p.A.

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Single-shareholder company subject to the direction and coordination activities of Opera Holding S.r.l.

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For information regarding the legal notices, please refer to the **International Warranty Booklet** provided with the product.