

MEMOR™ 11

SAFETY & REGULATORY ADDENDUM



DATALOGIC

Rugged Mobile Computer
with 1D/2D Imager

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This document is an addendum to the Quick Start Guide (QSG) for this product. See the QSG for additional product information.

www.datalogic.com



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Patents

See www.patents.datalogic.com for patent list.

This product is covered by one or more of the following patents:

Design patents: EM004675072, EM004803013, EM005513751 0001/0002, GB9004675072 0001/0002, GB9004803013 0001/0002, GB9005513751 0001/0002, USD933062, ZL201830392430.1, ZL201930042130.5
Utility patents: EP1804089B1, EP1825417B1, EP1828957B1, EP2315156B1, EP2517148B1, EP2521068B1, EP2616988B1, EP2649555B1, EP2795534B1, EP3234750B1, JP5192390B2, US10671277, US10762405, US10817685, US7234641, US7721966, US8113430, US8245926, US8561906, US8888003, US8915443, US9122939, US9430689, US9798948, ZL200680050007.8, ZL200980163411.X, ZL201080071124.9, ZL201180044793.1, ZL201580074380.6.

WEEE STATEMENT



Waste Electrical and Electronic Equipment (WEEE) Statement

English

For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.datalogic.com.

Italian

Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.datalogic.com.

French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.datalogic.com.

German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.datalogic.com.

Spanish

Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.datalogic.com.

Portuguese

Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.datalogic.com.

Chinese

有关处理废弃电气电子设备 (WEEE) 的信息, 请参考Datalogic 公司的网站 www.datalogic.com.

Japanese

廃電気電子機器(WEEE)の処理についての関連事項はDatalogicのサイト www.datalogic.com をご参照下さい。



NOTE: Read carefully the MEMOR 11 User Manual (available at www.datalogic.com) before performing any type of connection to the MEMOR 11.

The user is responsible for any damage caused by incorrect use of the equipment or by inobservance of the indication supplied in the user manual.

GENERAL SAFETY RULES



CAUTION:

- Before using the devices and the battery packs, read this Addendum carefully.
- Use only the components and accessories supplied by the manufacturer for the specific MEMOR 11 being used.
- Do not attempt to disassemble the MEMOR 11 device, as it does not contain parts that can be repaired by the user. Any tampering will invalidate the warranty.
- When replacing the battery pack or at the end of the operative life of the MEMOR 11 device, disposal must be performed in compliance with the laws in force in your jurisdiction.
- Do not submerge the MEMOR 11 in liquid products.
- For further information or support, refer to the Datalogic web site: www.datalogic.com.



CAUTION:

Do not apply any sticker to the MEMOR 11.



POWER SUPPLY

The device is intended to be supplied by a self-contained rechargeable Lithium Ion battery pack (UL listed LPS/SELV power source) and/or by UL Listed/CSA Certified Power Unit LPS/SELV power source which supplies power directly to the unit via the TYPE-C USB connector of the cable. The device could be also used with Certified Accessories (Dock/Cradle) which supply Wireless power. The Dock/Cradle accessories are intended to be supplied by a UL Listed/CSA Certified Power Unit LPS/SELV which supplies power via the power connector of the cable. Any changes or modifications to equipment, not expressly approved by Datalogic could void the user's authority to operate the equipment.

BATTERY INFORMATION



CAUTION: Do not incinerate, disassemble, short terminals, or expose to high temperature. Risk of fire and explosion. Use specified charger only. Risk of explosion if the battery is replaced by an incorrect type. Dispose of batteries as required by local authorities.

By default, the main battery pack is disconnected at the factory to avoid damage due to excessive draining.

Rechargeable battery pack is less than half of full charge when delivered. Charge the battery pack as indicated in the Quick Start Guide or in the User Manual, before using the MEMOR 11 terminal.

The battery pack autonomy varies according to many factors, such as the frequency of barcode scanning, RF usage, battery life, storage, environmental conditions, etc.

To maximize battery life, turn off radios when they are not needed.

Close to the limits of the working temperature, some battery performance degradation may occur.

The MEMOR 11 should be charged at an ambient temperature between 20 - 35° C (68 to 95°F) to achieve the maximum charging rate.

Never charge the device battery in a closed space where excessive heat can build up. As a safety precaution, the battery may stop charging to avoid overheating.

The MEMOR 11 gets warm during charging; this is normal and does not mean a malfunction.

Even if the storage temperature range is wider, in order to achieve the longest battery life, store the terminal and the spare batteries between 20 to 30°C (68 to 86°F).

To maximize operating autonomy, the Memor 11 checks its battery level at all times. If the battery is not sufficiently charged, the Memor 11 will not turn on when the ON/OFF Power button is pressed.

In this case, either substitute with a charged battery, insert the Memor 11 into a powered cradle, or plug it into a wall charger.



CAUTION: Avoid storing batteries for long periods in a state of full charge or very low charge or in a state of continuous charging, especially at temperature higher than 30°C.

We recommend charging the battery pack every two to three months, if it is not used for long time, to keep its charge at a moderate level to maximize battery life.

Annual replacement of rechargeable battery pack avoids possible risks or abnormalities and ensures maximum performance.



WARNING: Use only Datalogic approved batteries and accessories for battery charging.

Risk of explosion if battery is replaced by an incorrect type.

Dispose of used batteries according to the instructions. Il y a risque d'explosion si la batterie est remplacée par une batterie de type incorrect.

Mettez au rebut les batteries usagées conformément aux instructions.



CAUTION: Do not put any foreign object such as, but not limited to, coins, paper clips, stickers inside the slot of any of the wireless charging docks (see the examples below).



BATTERY SAFETY GUIDELINES



WARNING: Installing, charging and/or any other action should be done by authorized personnel and following this manual.

The battery pack may get hot, explode, ignite, and/or cause serious injury if exposed to abusive conditions.

If the battery pack is replaced with an improper type, there is risk of explosion.

Do not place the battery pack in or near a fire or other heat source; do not place the battery pack in direct sunlight, or use or store the battery pack inside unventilated areas in hot weather; do not place the battery pack in microwave ovens, in clothes dryers, in high pressure containers, on induction cook surfaces or similar devices. Doing so may cause the battery pack to generate heat, explode or ignite. Using the battery pack in this manner may also result in a loss of performance and a shortened life expectancy.



WARNING: To power the cradle, use only a Datalogic approved power supply. The use of an alternative power supply will void the product warranty, may cause product damage and may cause heat, an explosion, or fire.

The area in which the units are charged should be clear of debris and combustible materials or chemicals.

Do not use the battery pack of this terminal to power devices other than this device. Avoid storing batteries for long periods in a state of continuous charging, full charge or very low charge, especially at temperature higher than 30°C.

Periodically check the battery status and immediately discontinue use of the battery pack if, while using, charging or storing the battery pack, the battery pack emits an unusual smell, feels hot, changes colour or shape, swelling or appears abnormal in any other way.

Do not short-circuit the battery pack contacts connecting the positive terminal and negative terminal. This might happen, for example, when you carry a spare battery pack in your pocket or purse; accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the contacts of the battery pack (these look like metal strips on the battery pack). Short-circuiting the terminals may damage the battery pack or the connecting object.

Do not apply voltages to the battery pack contacts.

Do not pierce the battery pack with nails, strike it with a hammer, step on it or otherwise subject it to strong impacts, pressures, or shocks.

Do not disassemble or modify (i.e. bend, crush or deform) the battery pack. The battery pack contains safety and protection devices, which, if damaged, may cause the battery pack to generate heat, explode or ignite.

In case of leakage of liquid from the battery, avoid contact with liquid the skin or eyes. If the contact occurs, immediately wash the affected area with water and consult a doctor.

Do not solder directly onto the battery pack.

Do not expose the battery pack to liquids.

Avoid any knocks or excessive vibrations. If the device or the battery is dropped, especially on a hard surface, you should take it to the nearest Authorised Repair Centre for inspection before continuing to use it.

If your device stops working for any reason, do not use its battery on other electronic devices without a prior check and approval by an Authorised Repair Centre.

Do not remove or damage the battery pack's label.

Do not use the battery pack if it is damaged in any part.

Battery pack usage by children should be supervised.

Collect and recycle waste batteries separately from the device in compliance with European Directive 2013/56, 2011/65, 2012/79 and subsequent modifications, with US and China regulatory laws and regulations about the environment.

WIRELESS AND RADIO FREQUENCIES WARNINGS



WARNING: Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals generated by MEMOR 11.

Datalogic recommends persons with pacemakers or other medical devices to follow the same recommendations provided by Health Industry Manufacturers Associations for mobile computers.

Persons with pacemakers:

- Should ALWAYS keep this device more than twenty five (25) cm from their pacemaker and/or any other medical device;
- Should not carry this device in a breast pocket;
- Should keep the device at the opposite side of the pacemaker and/or any other medical device;
- Should turn this device OFF or move it immediately AWAY if there is any reason to suspect that interference is taking place.
- Should ALWAYS read pacemaker or any other medical device guides or should consult the manufacturer of the medical device to determine if it is adequately shielded from external RF energy.

In case of doubt concerning the use of wireless devices with an implanted medical device, contact your doctor.

Turn this device OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.



WARNING: RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If a vehicle's wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Turn off the device when in any area with a potentially explosive atmosphere. Observe restrictions and follow closely any laws, regulations, warnings and best practices on the use of radio equipment near fuel storage areas or fuel distribution areas, chemical plants or where any operation involves use of explosive materials.

Do not store or carry flammable liquids, explosive gases or materials with the device or its parts or accessories.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked or shown.

Sparks in such areas could cause an explosion or fire, resulting in injury or even death.

LED CLASS

LED illuminator integrated in the imager engine is classified as RISK GROUP 1 according to IEC62471.

LASER SAFETY

The following information applies to Laser Aiming System, used on MEMOR 11. The laser light is visible to the human eye and is emitted from the window indicated in the figure below.

LASER RADIATION - DO NOT STARE INTO BEAM

CLASS 2 LASER PRODUCT

MAX OUTPUT RADIATION 1 mW

COMPLIANT WITH EN 60825-1 (2014)



NOTE: The artwork below may be only a draft. Please refer to the label attached to the product for information about certification marks.

Laser Aperture/Ouverture Laser

Laser Warning Label



ITALIANO

LA LUCE LASER È VISIBILE ALL'OCCHIO UMANO E VIENE EMESSA DALLA FINESTRA INDICATA NELLA FIGURA.

LUCE LASER NON FISARE IL FASCIO APPARECCHIO LASER DI CLASSE 2 MASSIMA POTENZA D'USCITA: 1 mW LUNGHEZZA D'ONDA EMESSA: 630-680 nm CONFORME A EN 60825-1 (2014).

DEUTSCH

DIE LASER-STRAHLUNG IST FÜR DAS MENSCHLICHE AUGE SICHTBAR UND WIRD AM STRAHLAUS TRITTSFENSTER AUSGESENDET (SIEHE BILD).

LASERSTRAHLUNG NICHT IN DEN STRAHL BLICKEN PRODUKT DER LASERKLASSE 2 MAXIMALE AUSGANGSLEISTUNG: 1 mW WELLENLÄGE: 630-680 nm ENTSPR. EN 60825-1 (2014).

FRANÇAIS

LE RAYON LASER EST VISIBILE À L'OEIL NU ET IL EST ÉMIS PAR LA FENÊTRE DÉSIGNÉE SUR L'ILLUSTRATION DANS LA FIGURE.

RAYON LASER EVITER DE REGARDER LE RAYON APPAREIL LASER DE CLASSE 2 PUISSANCE DE SORTIE: 1 mW LONGUEUR D'ONDE EMISE: 630-680 nm CONFORME A EN 60825-1 (2014).

ESPAÑOL

A LUZ LÁSER ES VISIBLE AL OJO HUMANO Y ES EMITIDA POR LA VENTANA INDICADA EN LA FIGURA.

RAYO LÁSER NO MIRAR FIJO EL RAYO APARATO LÁSER DE CLASE 2 MÁXIMA POTENCIA DE SALIDA: 1 mW LONGITUD DE ONDA EMITIDA: 630-680 nm CONFORME A EN 60825-1 (2014).



Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.



CAUTION: The device shall only be connected to a USB interface of version USB TYPE-C.

Adapter shall be installed near the equipment and shall be easily accessible.

The device should operating at temperature between -20-50 °C.

RF Exposure Information and Statement:

This device was tested for hand-held and body-worn conditions, according to international Standards covering human exposure to electromagnetic fields from radio devices. The SAR limit of EU (CE) is 2.0 W/kg for trunk/head as averaged over any 10g tissue according to the EN 50360:2017 and EN 50566:2017. MEMOR 11 has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.55 W/kg and when properly worn on the body is 1.03 W/kg. This device was tested for typical body-worn operations. A minimum separation distance must be maintained between the user's body and the handset, including the antenna: 5mm to comply with the RF exposure requirements in Europe. Third-party belt-clips, holsters and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

MARKING AND EUROPEAN ECONOMIC AREA (EEA)



In radio systems configured with mobile computers and access points, the frequencies to be used must be allowed by the spectrum authorities of the specific country in which the installation takes place. Be absolutely sure that the system frequencies are correctly set to be compliant with the spectrum requirements of the country.

The Radio modules used in this product automatically adapt to the frequencies set by the system and do not require any parameter settings.

European Declaration of Conformity

Hereby, Datalogic S.r.l. declares that this radio equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at: www.datalogic.com. Select the Support & Service > Downloads > Product Certifications link where you can search for your specific product certification.

Česky [Czech]

Tímto Datalogic S.r.l. prohlašuje, že toto rádiové zařízení je ve shodě se směrnicí 2014/53/EU.

Dansk [Danish]

Herved erklæres Datalogic S.r.l. erklærer, at dette radioudstyr er i overensstemmelse med direktiv 2014/53/EU.

Deutsch [German]

Hiermit wird Datalogic S.r.l. erklärt, dass dieses Funkgerät der Richtlinie 2014/53/EU entspricht.

Eesti [Estonian]

Käesolevaga on Datalogic S.r.l. kinnitab, et see raadioseade on kooskõlas direktiiviga 2014/53/EL.

Español [Spanish]

Por la presente, Datalogic S.r.l. declara que este equipo de radio cumple con la Directiva 2014/53/UE.

Ελληνική [Greek]

Με το παρόν, Datalogic S.r.l. δηλώνει ότι αυτός ο ραδιοεξοπλισμός συμμορφώνεται με την Οδηγία 2014/53/ΕΕ.

Français [French]

Par la présente, Datalogic S.r.l. déclare que cet équipement radio est conforme à la directive 2014/53/UE.

Italiano [Italian]

Con la presente Datalogic S.r.l. dichiara che questa apparecchiatura radio è conforme alla Direttiva 2014/53/UE.

Latviski [Latvian]

Ar šo Datalogic S.r.l. paziņo, ka šī radioiekārta atbilst Direktīvai 2014/53 / ES.

Lietuvių [Lithuanian]

Šiuo dokumentu „Datalogic S.r.l.“pareiškia, kad ši radijo įranga atitinka Direktyvą 2014/53/ES.

Nederlands [Dutch]

Hierbij verklaart Datalogic S.r.l. dat deze radioapparatuur voldoet aan Richtlijn 2014/53/EU.

Malti [Maltese]

Hawnhekk, Datalogic S.r.l. tiddikjara li dan it-tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE.

Magyar [Hungarian]

A Datalogic S.r.l. kijelenti, hogy ez a rádióberendezés megfelel a 2014/53/EU irányelvnek.

Polski [Polish]

Niniejszym Datalogic S.r.l. oświadcza, że to urządzenie radiowe jest zgodne z Dyrektywą 2014/53/UE.

Português [Portuguese]

Por meio deste, a Datalogic S.r.l. declara que este equipamento de rádio está em conformidade com a Diretiva 2014/53/UE.

Slovensko [Slovenian]

Datalogic S.r.l. izjavlja, da je ta radijska oprema v skladu z Direktivo 2014/53/EU.

Slovensky [Slovak]

Týmto spoločnosť Datalogic S.r.l. vyhlasuje, že toto rádiové zariadenie je v súlade so smernicou 2014/53 / EÚ.

Suomi [Finnish]

Datalogic S.r.l. vakuuttaa täten, että tämä radiolaitte on direktiivin 2014/53 / EU mukainen.

Svenska [Swedish]

Datalogic S.r.l. förklarar härmed att denna radioutrustning överensstämmer med direktiv 2014/53 / EU.

UKCA Declaration of Conformity

Hereby, Datalogic S.r.l. declares that this radio equipment is in compliance with the Radio Equipment Regulations (RER) (S.I. 2017/1206) and that the full text of the UKCA Declaration of Conformity is available at the following internet address: <http://www.datalogic.com>. Select the Support & Service > Downloads > Product Certifications link where you can search for your specific product certification.

NBTC Statement

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช.
This telecommunication equipment is in compliance with NTC requirements.



INFORMATION FOR THE USER

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	NO	PL	PT	RO
	SE	SI	SK	TR	UK(NI)		

ENGLISH

Contact the competent authority responsible for the management of radio frequency devices of your country to verify any possible restrictions or licenses required.

ITALIANO

Prendi contatto con l'autorità competente per la gestione degli apparati a radio frequenza del tuo paese, per verificare eventuali restrizioni o licenze.

DEUTSCH

Wenden Sie sich an die für Radiofrequenzgeräte zuständige Behörde Ihres Landes, um zu prüfen ob es Einschränkungen gibt, oder eine Lizenz erforderlich ist.

FRANÇAIS

Contactez l'autorité compétente en la gestion des appareils a radio fréquence de votre pays pour vérifier d'éventuelles restrictions ou licences.

ESPAÑOL

Contacta la autoridad competente para la gestión de los dispositivos de radio frecuencia de to país, para verificar cualesquiera restricciones o licencias posibles requerida.



CAUTION: This device has been tested and found to comply with the limits pursuant to EN 303 417. 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 other electronic equipment, 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 following measures:

- Reorient or relocate the equipment
- Increase the separation

Don't place some metal things between the TX surface and the RX surface, Otherwise the metal things will be heated, and therefore the temperature might get high.

RADIO TECHNOLOGIES AND FREQUENCY BANDS

Compliance with 2014/53/EU Radio Equipment Directive (RED). In accordance with Article 10.8(a) and 10.8(b) of the RED and RER - S.I. 2017/1206 Article 13.2(a) and 13.2(b). The following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the Europe.

Radio Technology	Transmit Frequency	Transmit Power	Receive Frequency
GSM 900	880MHz to 915MHz	33 dBm	925MHz to 960MHz
GSM1800	1710MHz to 1785MHz	30 dBm	1805MHz to 1880MHz
WCDMA bandI	1920MHz to 1980MHz	23.5 dBm	2110MHz to 2170MHz
WCDMA bandV	824MHz to 849MHz	23.5 dBm	869MHz to 894MHz
WCDMA bandVIII	880MHz to 915MHz	23.5 dBm	935MHz to 960MHz
LTE FDD1	1920MHz to 1980MHz	23 dBm	2110MHz to 2170MHz
LTE FDD3	1710MHz to 1785MHz	23 dBm	1805MHz to 1880MHz
LTE FDD5	824MHz to 849MHz	23.5 dBm	869MHz to 894MHz
LTE FDD7	2500MHz to 2570MHz	22 dBm	2620MHz to 2690MHz
LTE FDD8	880MHz to 915MHz	23.5 dBm	925MHz to 960MHz
LTE FDD20	832MHz to 862MHz	23.5 dBm	791 MHz to 821 MHz
LTE FDD28	703MHz to 748MHz	24.5 dBm	758MHz to 803MHz
LTE TDD38	2570MHz to 2620MHz	23 dBm	2570MHz to 2620MHz
LTE TDD40	2300MHz to 2400MHz	23 dBm	2300MHz to 2400MHz
LTE TDD41	2496MHz to 2690MHz	23 dBm	2496MHz to 2690MHz
BT 5.2	2402MHz to 2480MHz	8.3 dBm EIRP	2402MHz to 2480MHz
BLE	2402MHz to 2480MHz	-1.8 dBm EIRP	2402MHz to 2480MHz
2.4G wifi	2412MHz to 2472MHz	20 dBm EIRP	2412MHz to 2472MHz
5G wifi	5180MHz to 5320MHz	23 dBm EIRP	5180MHz to 5320MHz
5G wifi	5500MHz to 5700MHz	20 dBm EIRP	5500MHz to 5700MHz
5G wifi	5725MHz to 5850MHz	14 dBm EIRP	5725MHz to 5850MHz
NFC	13.56MHz	/	13.56MHz
WLC RX	/	/	119KHz to 140KHz