Declaration of Conformity to BS8484:2022, Section 5

16th of July, 2024

Vilnius

Declaring Organization: **TELTONIKA TELEMATICS, UAB**

Product Description: Teltonika Worker Badge^PLUS

Product Model: GH5200

TELTONIKA TELEMATICS, UAB declares under sole responsibility that the above-described product is in compliance with the requirements of BS8484:2022 Section 5, when integrated with and used in context of a lone worker service.

In addition, TELTONIKA TELEMATICS, UAB includes the following which supports this certification:

Teltonika Worker Badge^PLUS Compliance to Section 5 of BS8484:2022.

Teltonika Worker Badge^PLUS is configurable to a wide variety of applications and use cases, and it is essential that the correct configurations are implemented by the lone worker service suppliers.

5 Lone worker device (LWD) or Lone worker application (LWA)

5.1 Essential Functionality

a) **Position & LWD identity** - Teltonika Worker Badge^PLUS can transmit GNSS location information including date and time of when the location was captured at configured intervals or on demand via SMS/GPRS. Lone worker identity can be transmitted via call, SMS or GPRS using User ID, ICCID or IMEI for identification;

b) **Audio Facility** - Teltonika Worker Badge^PLUS is a voice call enabled device with a microphone and speaker built in. These features enable two-way communication for lone worker applications;

1

c) **Signal Strength and Battery Indicators** - Teltonika Worker Badge^PLUS has battery, mobile network signal strength and GNSS LEDs which can indicate whether the battery level is low and whether or not device has enough GNSS/mobile network coverage;

d) **Battery life** - Teltonika Worker Badge^PLUS is installed with high-quality rechargeable batteries. The capacity and operating temperatures are given in the datasheets. Battery life is determined by the configuration and can vary by deploying the device in different environments;

e) **Low Battery Warning** - Teltonika Worker Badge^PLUS can give a vibration/audio/LED indications once the battery level is low, depending on how you configure the device. The device can also send SMS/GPRS data once the battery level is low;

f) **Pre-activation Message** - Teltonika Worker Badge^PLUS can send an SMS message or make a voice call to predefined number;

g) **Activation Message** - Teltonika Worker Badge^PLUS has a dedicated alarm button, which can be configured to make a voice call, send SMS or GPRS data on alarm activation;

h) **Audio Connection to the Alarm receiving centre** - When configured to use alarm mode, Teltonika Worker Badge^PLUS can initiate a voice call to predefined numbers. These units will automatically retry a call up to 10 times until it is picked up;

i) **Location Request by Alarm receiving centre** - Alarm receiving centre can request location from Teltonika Worker Badge^PLUS over SMS/GPRS message or voice call. Location request is only available for preset numbers in the authorized number list;

j) **Remote Access by Controller** - Teltonika Worker Badge^PLUS can be discreetly accessed by operator remotely if number is preset in authorized number list or via GPRS *[1];

k) **Accidental Activation** - Accidental activations are prevented by configuring devices so that action buttons need to be pressed for some time (2-3 seconds) or alternatively double-press can be used.

*[1] *Does not come as a standard Teltonika Worker Badge[PLUS] firmware feature as some countries forbid usage of discreet dial-in. Can be unlocked as a special feature if contractually agreed between TELTONIKA TELEMATICS and customer.*

5.2 Environmental Risk

a) **Man-down Facility** - Teltonika Worker Badge[PLUS] has the ability to raise an activation SMS/voice call and/or GPRS data on the lone worker behalf if the unit senses that controller has become incapacitated. Man-Down and No-Movement features come as standard which allow the device to measure certain parameters and send an alarm if certain configured thresholds are exceeded;

b) **Pre-alert** - Teltonika Worker Badge[PLUS] sends audio/visual/vibration indications to the user before the incapacitation alarm is activated. This allows user to cancel alarm activation;

c) **Connection Indication** - Teltonika Worker Badge[PLUS] indicates that incoming/outgoing call is being made or SMS message is sent/received by making audio/vibration/visual indications.

5.3 People Risk

a) **Form, Function and Usability** - Teltonika Worker Badge[PLUS] can be held in various different ways, depending on the use case, without disturbing lone worker. Functionality and usability of Teltonika Worker Badge[PLUS] can be configured to match lone workers use case;

b) **Discrete Activation** - Teltonika Worker Badge[PLUS] has an alarm button, which can be easily identified without looking at the device. It allows lone worker to activate alarm discretely. The unit can also be configured so that it doesn't send any audible or visual indications to people in close proximity;

c) **Discrete Connection Indication** - Teltonika Worker Badge[PLUS] has the capability to receive messages during the call which would cause the unit to vibrate. This can be used as an indication to the lone worker that the call is established.

5.4 Additional Functionality

a) **Two-Way Communication** - Teltonika Worker Badge[PLUS] supports two-way communication which allows lone worker to hear operator comments;
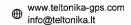
b) **Timer Alert / Amber Alert -** Teltonika Worker Badge^{PLUS} has an amber alert timer, which upon expiry can send an alarm and make a call to preset number;

c) **Geo-fence -** Teltonika Worker Badge^{PLUS} has a geo-fence feature, which upon entry or exit of the set zone can send an indication to the lone worker or to the manager or to the Alarm receiving centre;

d) **Battery Capability and Signal Strength Monitoring -** Alarm receiving centre can request the device to send data about its battery level and signal strength status.

5.5 Communication Network - Teltonika Worker Badge^{PLUS} supports 2G networks. The device has been used and tested with various operators SIM cards (Vodafone, Telia and others). Final decision on which provider SIM card to use is up to the customer.

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