

## Dichiarazione di conformità UE / EU Declaration of Conformity

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| Produttore:<br>/ Manufacturer | Tattile S.r.l.   |
| Indirizzo:<br>/ Address       | Via Gaetano Donizetti 1/3/5<br>25030 Mairano (BS), Italy |

Dichiara sotto la propria responsabilità che i prodotti:  
/ Declares under sole responsibility that the products:

|   |   |
|---|---|
| Modello, descrizione:<br>/ Model, description | <b>F02200-XXX</b> , BASIC MK2 MONO<br><b>F02201-XXX</b> , BASIC MK2 COLOR |
|---|---|

Il suffisso XXX del codice può essere formato da cifre o lettere ed indica delle possibili varianti. Modifiche presenti nelle varianti non sono rilevanti ai fini delle specifiche dichiarate. / Suffix XXX of code may be digits or letters and indicates the possible variants. Changes in the variants are not relevant to the stated specifications.

sono in conformità ai requisiti essenziali delle seguenti direttive dell'Unione:  
/ are in conformity with the essential requirements of the following Union directives:

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|--|--|
| Riferimento N° , titolo<br>/ Reference No. , title | <b>2014/53/EU</b> , RED Directive (1)<br><b>2011/65/EU +2015/863/EU +2017/2012/EU</b> , RoHS Directive |
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(1) Gli obiettivi ed i requisiti delle direttive 2014/35/EU (LVD) e 2014/30/EU (EMC) sono adempiuti nell'applicazione dell'articolo 3.1 della direttiva 2014/53/EU. / The objectives and protection requirements of the Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU are applied under Directive 2014/53/EU, Article 3.1.

e che sono state applicate tutte le norme e/o specifiche tecniche sotto riportate:  
/ and that the standards and/or technical specifications reference below have been applied:

| <b>RED Directive</b>   |   |
|--|---|
| Art 3.1a Specifiche di Sicurezza<br>/ Art 3.1a Safety specifications   | <b>EN IEC 62368-1:2020 +A11:2020</b> Safety ITE & Communication technology equipment Audio/video, Information & Communication technology equipment Part-1: Safety requirements (Annex Y, construction requirements for outdoor enclosure)   |
| Art 3.1b Specifiche EMC<br>/ Art 3.1b EMC specifications               | <b>EN 301 489-1 v2.2.3:2019-11</b> ERM, EMC Common requirement<br><b>EN 301 489-17 v3.2.4:2020-09</b> ERM, EMC, Specific for Wideband 2.4GHz system<br><b>EN IEC 61000-6-2:2019</b> Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments<br><b>EN IEC 61000-6-3:2021</b> Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light industrial environments<br><b>EN 50293:2012</b> Road traffic signal system – EMC<br>EMC test, level equal or greater than product standard requirements: <ul style="list-style-type: none"> <li>• EN55032, emission class B</li> <li>• EN55022, emission class B</li> <li>• EN61000-4-2, ESD 6kV contact / 8kV Air</li> <li>• EN61000-4-3, RF radiated 20V/m AM 1kHz 80% (80-1000MHz),<br/>20V/m AM 1kHz 80% (1-6GHz)<br/>10Veff/m PM 50% 200Hz (900MHz, 1890MHz)</li> <li>• EN61000-4-4, EFT Burst 2kV DC power, 2kV signal ports</li> <li>• EN61000-4-5, Surge DC power 1kV Line to Line, 2kV Line to Ground<br/>Surge Signal ports 1kV Line to Line, 2kV Line to Ground</li> <li>• EN61000-4-6, RF conducted 20V (0.15-80MHz)</li> <li>• EN61000-4-8, Pwr frequency magnetic field 100A/m 50Hz</li> </ul> |
| Art 3.2 Spettro (Specifiche Radio)<br>/ Art 3.2 Spectrum (Radio spec.) | <b>EN 300 328 v2.2.2:2019-07</b> ERM, Spectrum for Wideband 2.4GHz System   |
| <b>RoHS Directive</b>  |   |
| Art 4.1 Prevention   | <b>EN 63000:2018</b> Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances   |

altre norme e/o specifiche tecniche / other standards and/or technical specifications:

|  |   |
|--|---|
| <p>Altre norme / Other standards</p>     | <p><b>EN 62479:2010 / EN IEC 62311:2020</b> Limit to EM Field for human exposure<br/> <b>EN 62471:2008</b> Photobiological safety of lamps and lamps systems<br/>         Mono cameras use IR 850nm illuminators, Color cameras use White illuminators.<br/>         • IR 850nm illuminator lens 36°: Exempt Group<br/>         • IR 850nm illuminator lens 17°: Risk Group 1 (infrared eye hazard)<br/>         • White illuminator lens 36°: Risk Group 1 (Retinal blue hazard, no labelling required)<br/>         • White illuminator lens 17°: Risk Group 1 (Retinal blue hazard, no labelling required)<br/> <b>OIML D11 (ed. 2013)</b> General Requirements For Measuring Instruments - Environmental Conditions Organisation Internationale de Metrologie Legale<br/> <b>EN 60068-2-1</b> Environmental testing. Cold test (-40°C, 16h)<br/> <b>EN 60068-2-2</b> Environmental testing. Dry Heat test (+60°C, 16h)<br/> <b>EN 60068-2-30</b> Environmental testing. Damp Heat test (+55°C RH 95%, 2x24h)<br/> <b>EN 60068-2-64</b> Random vibration (10-500Hz, 12m/s<sup>2</sup> RMS, 0.3 m<sup>2</sup>/s<sup>3</sup>, 3x1h)<br/> <b>EN 60068-2-64</b> Random vibration (OIML D11 Tab.15 Level 2 : 10-150Hz, 7m/s<sup>2</sup> RMS, 3x1h)<br/> <b>EN 60068-2-27</b> Shock (5g, 11ms, 100 pulses x 6 directions)<br/> <b>EN 60068-2-31</b> Environmental testing. Drop on to a face Test (100mm, 4 bottom edges)<br/> <b>EN 60529</b> Degrees of protection provided by enclosures (IP67)</p> |
| <p>Regolamenti FCC / FCC Regulations</p> | <p><b>FCC 47 CFR</b> US Federal Regulations, Part 15 Subpart B, emission limit Class B, Part 15 Subpart C.<br/>         This device contains:<br/>         FCC ID: QQQWFM200 (if the optional WiFi module is mounted)</p>   |

Affissa la marcatura CE dal / Affixing the CE conformity mark as from: 2022

Mairano, 26/07/2024

Luogo e Data / Place and Date



Corrado Franchi – CEO Tattile srl