

Humans feel touch best at their fingertips through 241 receptors per square centimeter. Former technologies could only provide tactile data with a resolution in the order of tens. With our **5 US and 100+ internationally patented technology**, we are able to increase the number of receptors to the order of **thousands at low cost**. In addition to the **3 axes touch and temperature sensing**, our system can sense surroundings without touching and **show high resolution images and videos**. Available number of simultaneous tactile sensing data is equal to the number of receptors individually, which can **expand to tens of millions**. In former systems, when the sensor density is increased, the data transmission becomes impossible or impractical due to high costs. We can transfer **over ten million sensor data** to computer over only a **single USB cable**.

By making robots like one of us; or converting everywhere a **touchscreen**; or making **autonomous driving** vehicles safer; or **giving people Health** by providing tactile feedback to surgical robots; or to feel **Prosthetics as our own limbs**, our technology has the **potential to change world's and space's future**. As **NASA's engineers' saying** in report about our technology, it is **"Certainly a Worthwhile achievement."**

The potential sectors are; Robotics, **Automotive**, Surgical Robotics, **Medical devices**, Autonomous vehicles, **Defence instrumentation**, Avionics, **Space Industry**, Automation, **COBOTS**, Prosthetics, etc...

TECHNICAL SPECIFICATIONS

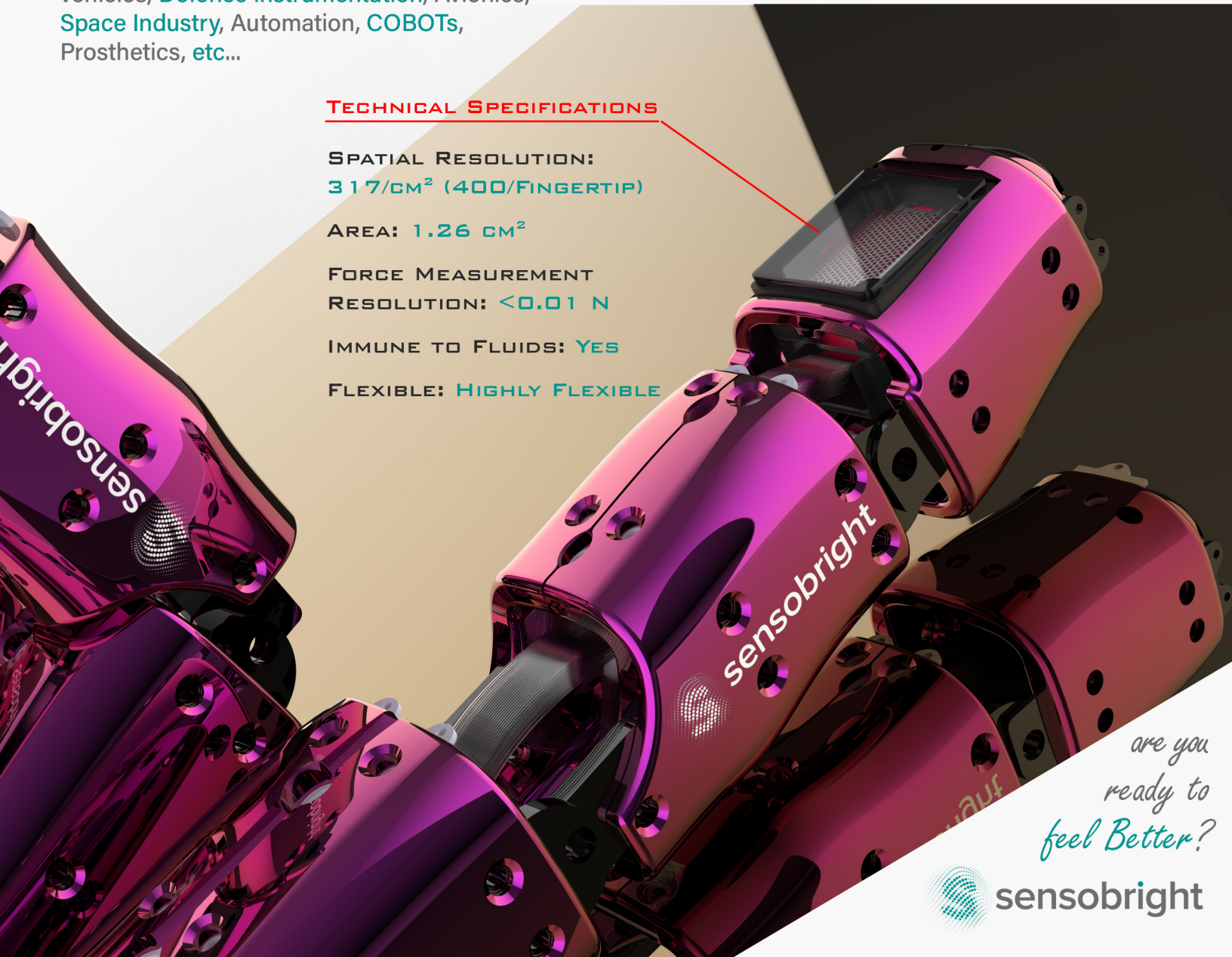
SPATIAL RESOLUTION:
317/CM² (400/FINGERTIP)

AREA: **1.26 CM²**

FORCE MEASUREMENT
RESOLUTION: **<0.01 N**

IMMUNE TO FLUIDS: **YES**

FLEXIBLE: **HIGHLY FLEXIBLE**



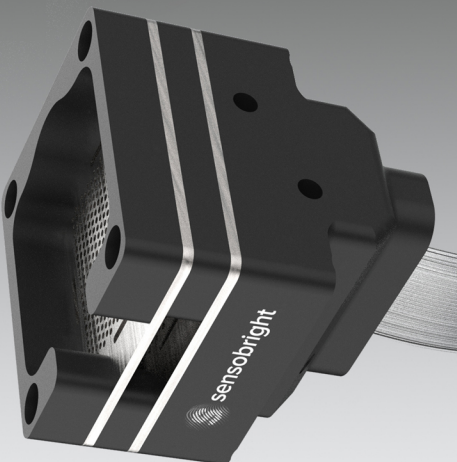
*are you
ready to
feel Better?*



Sensobright Industries LLC. is a technology-oriented small business company which owns over 100 International patents about tactile sensor field with an innovative concept and aim to advance it, translate it into a next generation scientific product and a technology for commercialization.

Prof. Dr. Utku Buyuksahin has teamed up with Inventram and KOC HOLDING (A Global Fortune 500 Company) to ramp up commercialization and develop tactile sensor technologies. Sensobright Industries LLC's (A Delaware Company) Istanbul (Turkey) Branch and Portland (Oregon, USA) Headquarters are formed in 2018 and 2020 to develop tactile sensors and production technology of the system. The Sensobright team has three PhDs, one MBA and six BSs degrees with the total professional experience of over 170 years.

Sensobright Industries LLC has made over \$5M investment in 2020 – 2022 and is still continuing to invest in despite of the COVID-19 crisis.



TACTILE SENSOR



INNOVATOR
of the MONTH
GAZETTO



The TEAM has
a TOTAL of 170+
a YEARS of EXPERIENCE

One of the TOP 25
SCIENTISTS
ACROSS GLOBE
FALLING WALLS FOUNDATION



One of the TOP 10
PROJECTs with the
HIGHEST INVESTMENT
POTENTIAL

METUTECH-BAN
TEKNOLOJİ YATIRIMCILARI A.Ş. T.C. Ministry of Science,
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