# Press release

# Full power in seconds

New IT 1960 multi-purpose hand-held scanner series from Leuze: Supercap technology, up to 20 percent faster read processes, and higher contrast tolerance

*Owen, September 5, 2025 -* Hand-held scanners are indispensable in the warehouse and logistics sector: The mobile devices can be used to quickly capture bar and 2D codes. The new IT 1960 series multi-purpose hand-held scanners from Leuze makes this process particularly convenient and efficient. The powerful devices are available as wired versions or as wireless radio scanners with Bluetooth. Models with supercap technology are also available: The innovative, battery-free charging technology reduces the devices’ weight and makes them particularly easy to handle. In addition, Leuze has optimized the reading processes compared to the previous generation of devices. The hand-held devices now scan up to 20 percent faster and the contrast tolerance for faint codes is 15 percent higher.

**Super lightweight thanks to supercap**

Supercaps (supercapacitors) offer extremely short charging times and reliable energy availability compared to conventional batteries. A supercap stores energy by holding electrical charges in a special double layer, allowing it to release the energy when needed. The wireless supercap devices in the IT 1960 series weigh just 220 grams with no batteries required. The lightweight multi-purpose hand-held scanners are ideal for single scans: Scan, plug into the charging station, and after a few seconds the hand-held scanner is ready for use again. Another advantage is their long service life. Supercaps can be used for tens of thousands of charging cycles. They are around three to four times more durable than non-rechargeable batteries and rechargeable lithium-ion batteries.

**Equipped for every requirement**

For maximum flexibility, Leuze also offers multi-purpose hand-held scanners with battery or cable (three or five meters long) in the IT 1960 series. These are ideal for performing numerous scanning processes in a short period of time. The practical base station for the wireless devices with battery or supercap can be attached either to the wall or to the table. For even more convenient use, Leuze has optimized the scanner’s housing ergonomics, the handle and the trigger button. Scanning is also made easier by the integrated green LED aimer with target point and the wide-area white light illumination.

**Data via radio or cable**

The hand-held scanners in the IT 1960 series are particularly suitable for reading bar codes in clean, dry environments and at room temperatures between 0°C and 50°C. They comply with protection class IP52 or IP41 depending on the model. The reading range is up to 728 millimeters. This allows scanning processes to be carried out from a medium distance, for example when scanning larger goods or groups of goods. Users benefit from the series’ wide range of interfaces: From PS/2 to USB and RS232 to Bluetooth, there are many connection options to choose from. The multi-purpose hand-held scanners can be easily configured using parameter codes or the accompanying software.

Characters: approx. 3,116  
   
Please send a sample copy.  
Interviews available upon request.

**Image material**



Figure 1: The IT 1960 hand-held scanner series from Leuze sets new standards with supercap technology, a generous reading field, optimized illumination, high resolution as well as wired and wireless models.



Figure 2: Easy to tell apart: Battery-powered devices are charged via a contact (left), while supercap devices are charged inductively (without contact, right).



Figure 3: Leuze has developed a new combined table-and-wall mount for wireless devices with battery or supercap. This base station can be flexibly mounted either on a wall or table.

*With over 60 years of experience, Leuze has become an expert in innovative and efficient sensor and safety solutions in automation technology. Today, around 1,600 Sensor People worldwide use curiosity, passion and determination to drive progress and change. Their motivation is the lasting success of their customers in a constantly changing industry. Leuze offers its customers an individual competitive advantage through intuitive and reliable solutions for safe and non-safe position detection. For example, switching and measuring sensors, identification systems, solutions for data transmission and image processing. As a family-owned company and safety expert, the company also focuses on components, services and solutions for occupational safety. Thanks to their broad and in-depth application expertise in the machine and system construction, the Sensor People are a competent and flexible partner for customers with a wide range of industrial requirements.* [www.leuze.com](http://www.leuze.com)

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