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Innovation in IoT

Cascoda and Innovelec Announce Immediate Availability of the Cascoda KNX IoT Environment Sensor

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innovelec
emerging technology solutions

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Revolutionising Building Intelligence with Seamless KNX Integration, Faster Install Times, and EPBD Compliance

Southampton, UK – [25 June 2025] – *Cascoda*, a leader in secure, ultra-low-power wireless solutions for the Internet of Things (IoT), in partnership with leading electronics distributor *Innovelec Solutions Ltd*, is proud to announce the **immediate availability** of the **Cascoda KNX IoT Environment Sensor** — a breakthrough product that brings intelligent environment sensing to modern and legacy buildings via KNX IoT technology.

Available now through Innovelec's product catalogue here, this innovative sensor enables smart monitoring of indoor air quality **(IAQ), CO2, Volatile Organic Compound (VOC), temperature, humidity**, and more, all within the trusted and robust KNX framework.

Empowering the Smart Buildings of Tomorrow — Today

The **Cascoda KNX IoT Environment Sensor** offers a host of transformative advantages for system integrators, facility managers, and property developers seeking smarter, more compliant buildings:

1. Full Backward Compatibility with Existing KNX Infrastructure

Through the **Cascoda KNX IoT Hub**, the sensor integrates seamlessly with legacy wired KNX systems, preserving existing investments while opening the door to advanced IoT capabilities.

2. Faster Install Times & Lower Installation Costs
- **Minimal Cabling**: Leverages wireless mesh protocols to drastically reduce the need for invasive rewiring.
- **Rapid Deployment**: Installations can be completed in a fraction of the time compared to traditional wired systems.
- **Retrofit Ready**: Perfect for historic buildings, occupied spaces, or locations where cabling is costly or impractical.

3. Native Internet Protocol (IP) Connectivity for Smart Integration
- **Cloud Integration**: Enables enhanced remote data collection and processing.
- **Real-Time Dashboards**: Improved monitoring, visualisation, and alerts for building operators.
- **Actionable Analytics**: Leverages IAQ data to identify inefficiencies and improve energy and operational performance.

4. EPBD Compliance and Retrofitting Mandates
The sensor supports compliance with the **Energy Performance of Buildings Directive (EPBD)**, which mandates IAQ monitoring in public and commercial buildings. With retrofit regulations accelerating

toward 2030 targets, the Cascoda sensor provides a future-ready, standards-aligned solution for smart building upgrades.

"This launch represents a major step forward in accessible, standards-based smart building solutions," said **Bruno Johnson**, CEO at Cascoda. **"By combining KNX interoperability with low-power wireless IoT technology, we're unlocking next-generation environment sensing for both new builds and existing infrastructure."**

"We're excited to partner with Cascoda to bring this powerful solution to the UK and European markets," added **Trevor Cullen**, Managing Director at Innovelec. **"The KNX IoT Environment Sensor is not only easy to deploy — it's a critical enabler of intelligent, compliant, and energy-efficient buildings. Watch this space for some exciting installations."**

Availability
The **Cascoda KNX IoT Environment Sensor** is available now through Innovelec. For pricing, availability, and technical specifications, visit:

◎ https://innovelec.co.uk/products/cascoda-knx-iot-environmental-sensor

About Cascoda
Cascoda is a communications company that manufactures chips, modules and devices to unlock smart building KNX IoT connectivity. Cascoda's KNX IoT Environment Sensor is the first ever Certified KNX IoT product.

◎ www.cascoda.com

About Innovelec
Innovelec Solutions Ltd is a value-added distributor specialising in wireless, embedded, and IoT solutions, serving system integrators, OEMs, and solution providers across the UK and Europe.

◎ www.innovelec.co.uk

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