

# Sundance Newsletter

## November 2025

**SUNDANCE**

Discover our latest ventures and achievements from this month.

## Enhancing Construction Site Progress Monitoring

Keeping drones steady and accurate during construction surveys is a major challenge – uneven terrain, wind, and dust can throw off altitude readings and ruin data quality. The **Ainstein US-D1 Pro Radar Altimeter** solves this with centimetre-level precision and a rugged IP69K-rated design, ensuring flawless performance even in harsh environments.

**AINSTEIN**



**US-D1 Pro**

The new Ainstein US-D1 Pro Radar Altimeter is transforming aerial monitoring on construction sites. Discover how this advanced sensor helps

drones capture consistent images, build precise 3D models, and operate safely no matter the conditions.

*Find out more about Ainstein's US-D1 Pro Radar Altimeter by clicking the link below.*

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## Red Pitaya Gen 2: What's New & What's Next?

Many engineers still rely on first-generation Red Pitaya boards that no longer keep up with today's demanding test and measurement needs. The **Red Pitaya Gen 2** makes that transition effortless - offering a familiar platform upgraded with faster processing, improved connectivity, and extended support. It's designed to let users move seamlessly from old setups to a new era of power, precision, and flexibility without changing their workflow. Discover how Gen 2 bridges the gap between legacy tools and modern engineering innovation.



Nicu Irimia, Red Pitaya's Support Engineer presented the launch, featuring key performance & design improvements, migration guidance for current 1st gen users, early tester feedback, and finally a Red Pitaya roadmap.

*Find out more about the brand new Red Pitaya Gen 2, watch the launch recap and see the new additions to our Red Pitaya store by clicking the link below.*

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"I am extremely satisfied with the service I received from Sundance. I was in desperate need of repairing these cards as there were no replacement parts available in the market. Sundance went above and beyond to ensure that my needs were met and that my electronic cards were fully functional again. I'm sure I will recommend your services and, of course, your products to anyone who needs this kind of service, especially those who are struggling to find replacement parts in this market." - Armando Escorcia

Sundance Multiprocessor Technology Ltd, 20 Chiltern House, Waterside, Chesham, Bucks HP5 1PS,  
United Kingdom, Tel: 01494793167

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