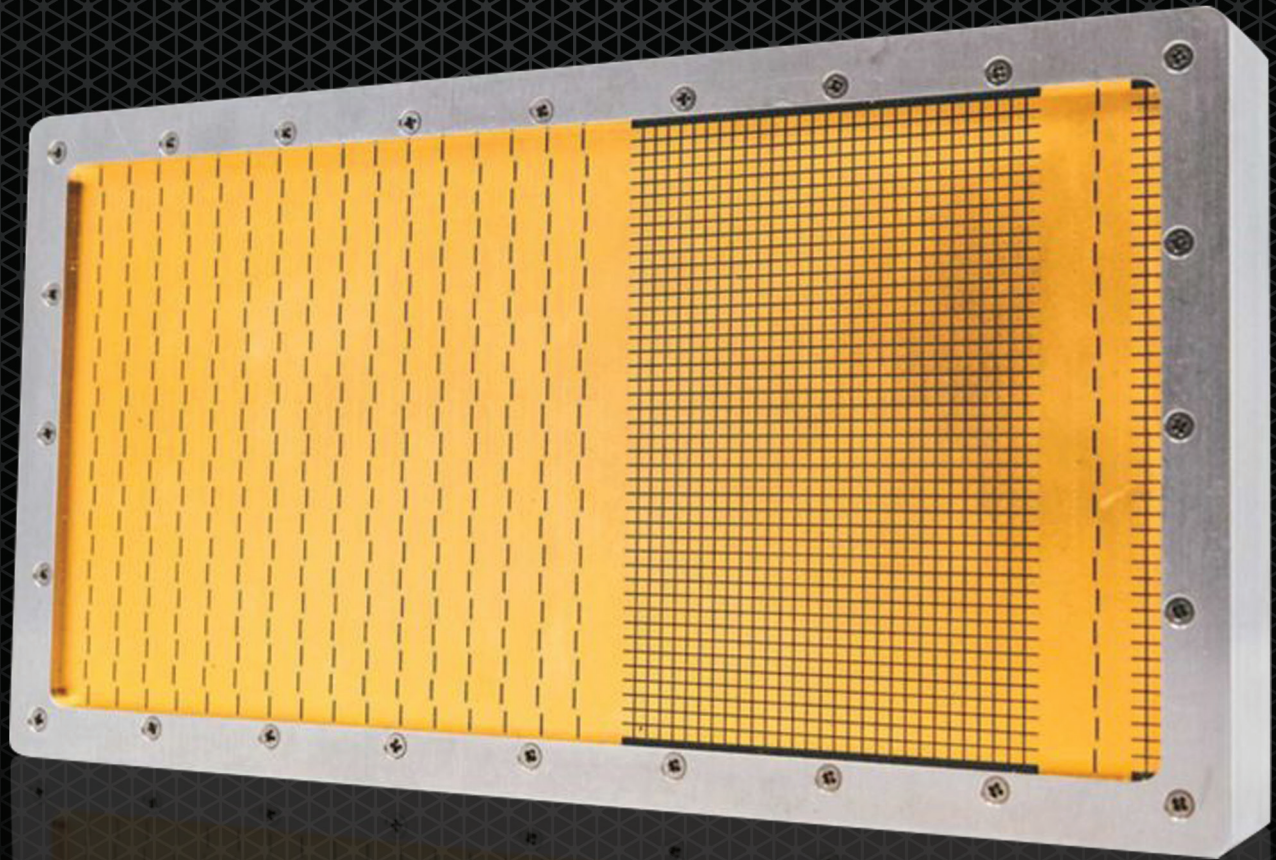


SENSE THE POSSIBILITIES

Honeywell's IntuVue RDR-84K Band Radar
is the ultimate all-purpose sensing system.



Honeywell

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Modern radar systems can serve a variety of industries, but only a few of them have powerful capabilities and advanced features to be an excellent fit for such a wide range of applications. Introducing the IntuVue RDR-84K radar system – the new all-purpose sensing system from Honeywell.

The IntuVue RDR-84K is the ideal combination of hardware and software, setting new standards in today's radar technology. Its scalability, performance, light weight and ease of use make it optimal for aerial detect-and-avoid systems, the automotive and marine industries, airport and border protection and building and infrastructure security.

LOW POWER CONSUMPTION, HIGH DETECTION CAPABILITIES

RDR-84K uses multiple beams to identify more things simultaneously, from aircraft, ground vehicles, buildings and even people up to three kilometers away. Plus, it weighs only 1.5 pounds (0.7 kilograms), and needs just 60 watts of power to operate, making it ideal for a large variety of platforms.

The RDR-84K has the widest range detection parameters available today, which enables it to deliver more efficient object scanning and terrain mapping. Through a multitude of scans, it can image more things simultaneously, offering a 360-degree view of the world. Its 24 GHz phased array offers superior resolution when compared to other airborne radars – providing reliable detection in the most demanding environments.

EASY TO OPERATE, TOUGH TO BEAT

The RDR-84K interfaces with other sensors to provide tracking and obstacle detection for manned or autonomous vehicles. It can track and detect incursions for the safety and security of the facility and the public and is ideal for monitoring both ground and air approaches to national borders. Furthermore, the RDR-84K saves weight and space by replacing other sensors and, unlike other radars, it's fully software configurable.

Taking radar imaging a step further, the RDR-84K is equipped with monopulse technology – an advanced digital processing technique that sharpens the radar beam. Using monopulse beam-sharpening radar, image resolution is improved, ultimately resulting in higher-fidelity imaging and improved targeting capability.

For more information

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MAIN BENEFITS:

- Very small in size and lightweight
- Can install multiple units on a single platform in the air or on the ground
- Networked units work together to provide a 360-degree view of the world
- Able to detect multiple objects simultaneously
- Can replace other sensors on an autonomous platform
- Ideal for a broad variety of industries.

KEY CHARACTERISTICS

Weight: 1.5 lbs. (0.7 kg)

Size: 8.9" x 4.9" x 1.7"
(226 mm x 125 mm x 43 mm)

Power: 60 watts

Field of view:
110 azimuth x 30° elevation

Packaging:
RF and processing in one box

THE
FUTURE
IS
WHAT
WE
MAKE IT

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