



## **RFbeam Microwave GmbH is a leading supplier of planar Radar sensors, K-band measuring equipment and engineering.**

### **Who we are**

RFbeam Microwave GmbH is situated in St.Gallen, Switzerland. We are your powerful and responsive partner for standard and customer specific Radar products, engineering services and application support. Manufacturing is provided by selected and ISO certified production partners. RFbeam Microwave GmbH is a reliable and creative partner with a worldwide customer base.

### **What we do**

We develop and deliver short range microwave sensors and solutions for industrial and OEM customers. RFbeam is also a specialist for antenna design and general microwave circuit engineering. Our products are used in movement and industrial sensors, traffic supervision and analyzer systems, sport measurement equipment and many other applications.

### **Why using Radar?**

For several years, planar Radar technology has enabled the realisation of small, cost effective and robust sensors. Radar is an inherently robust technology that can be used even under harsh environmental conditions. Our Radar sensors are used for so called short range radar applications covering ranges from centimetres to a few kilometres.

# Our product range covers simple low cost Doppler devices as well as state-of-the-art digital and superhet transceivers and systems.

## **Radar Tranceivers**

Doppler Sensors | Monopulse Radar | Superhet Technology  
Digital Radar

## **Measurement**

Doppler Simulators | Multifunction Test Systems  
Testbench Software

## **Engineering**

3D Microwave EM Simulations | Microwave Engineering  
Antenna Design

## **Applied Research**

Digital Wide Band Technologies | Broadband Antennas  
Microwave Lenses | Receiver Architectures

## **Applications**

Traffic Technology | Building Automation | Lighting Control  
Security Technology | Industrial Sensors | Sports Measurement  
Movement Sensors | R&D and Education

