

Syknö GmbH

Feature Sheet

MiRa60T34X

MIMO Radar RF shield



Applications

- People counting & presence detection
- Automotive applications
- Gesture sensing
- Home automation
- Industrial sensing
- Security radar systems
- Automotive in-cabin monitoring (CPD)
- 3D object velocity tracking

Features

- ✓ Powered by Texas Instruments radar sensor xWR6843
- ✓ 3 Tx and 4 Rx channels
- ✓ Compatible with Texas Instruments data acquisition board
- ✓ Compatible with Texas Instruments software framework
- ✓ Raw data streaming
- ✓ Changeable and customizable 3D printed antennas
- ✓ Adaptable antennas for various applications by Golden Devices

Description

This system offers a rapid evaluation of various antenna types and configurations thanks to interchangeable 3D-printed antenna attachments from Golden Devices GmbH. The system is compatible with the Texas Instruments data acquisition board DCA1000 and therefore with the extensive Texas Instruments software framework for control, data acquisition and signal processing. This modular design, coupled with cutting-edge technology, allows for swift and cost-effective customization to fit your specific needs. This comprehensive approach streamlines MMIC evaluation and accelerates development of short- and mid-range MIMO radar systems.

