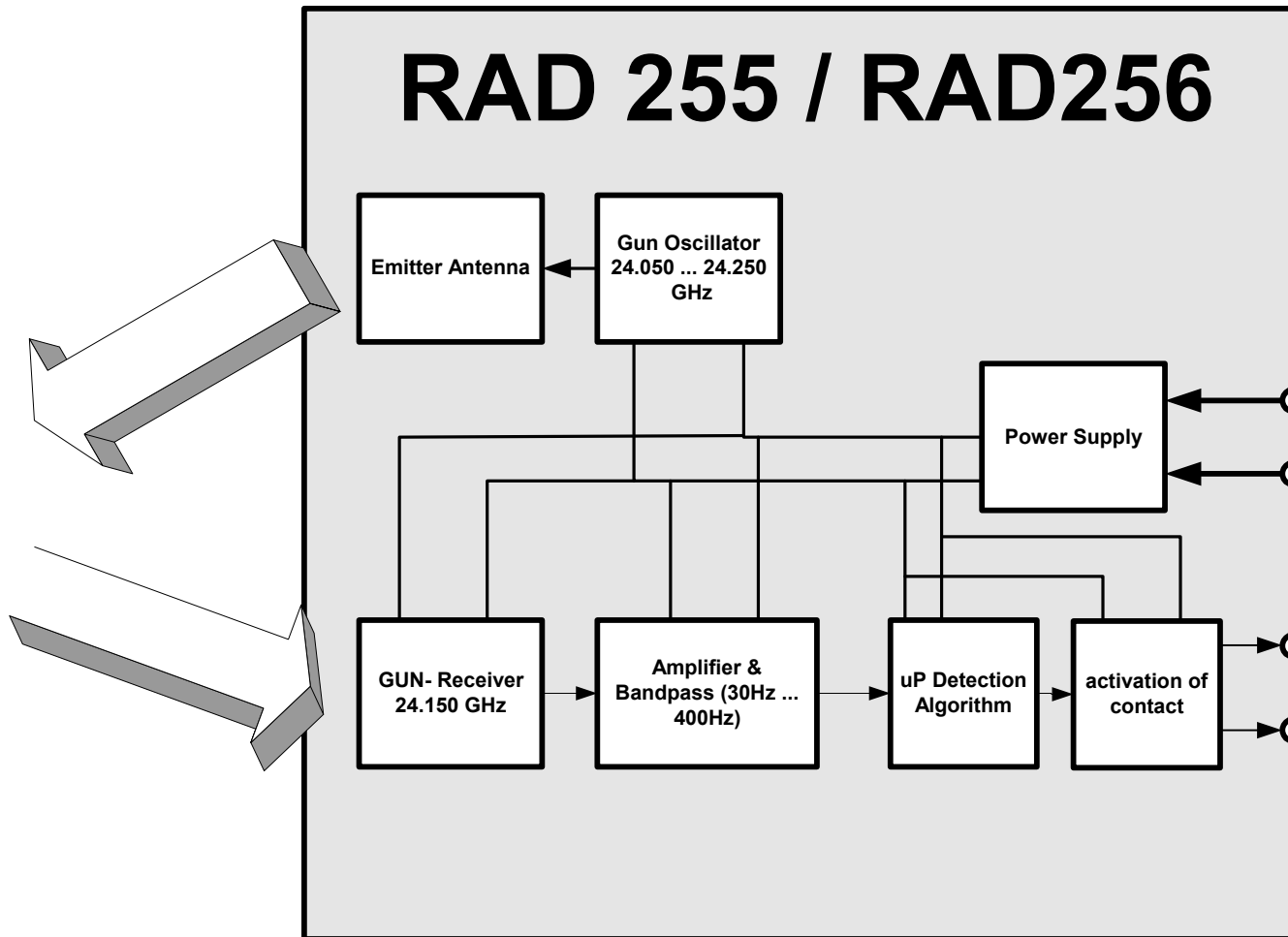
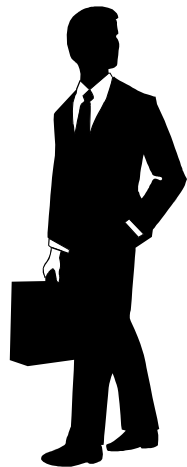


# Block diagram RAD255 / 256

## Moving Target



## Description :

A fix installed motion detector, short range device with an internal, integral horn antenna, placed on a pc-board, emitting continuously at 24.050 .... 24.250 GHz at a power of less than 20 dBm (less than 100mW).

The reflected waves from a moving target (Doppler effect) are detected by a gun diode, are electronically filtered, amplified and evaluated by a microprocessor. If detection is evaluated, either a relais output or an electronically output is activated.