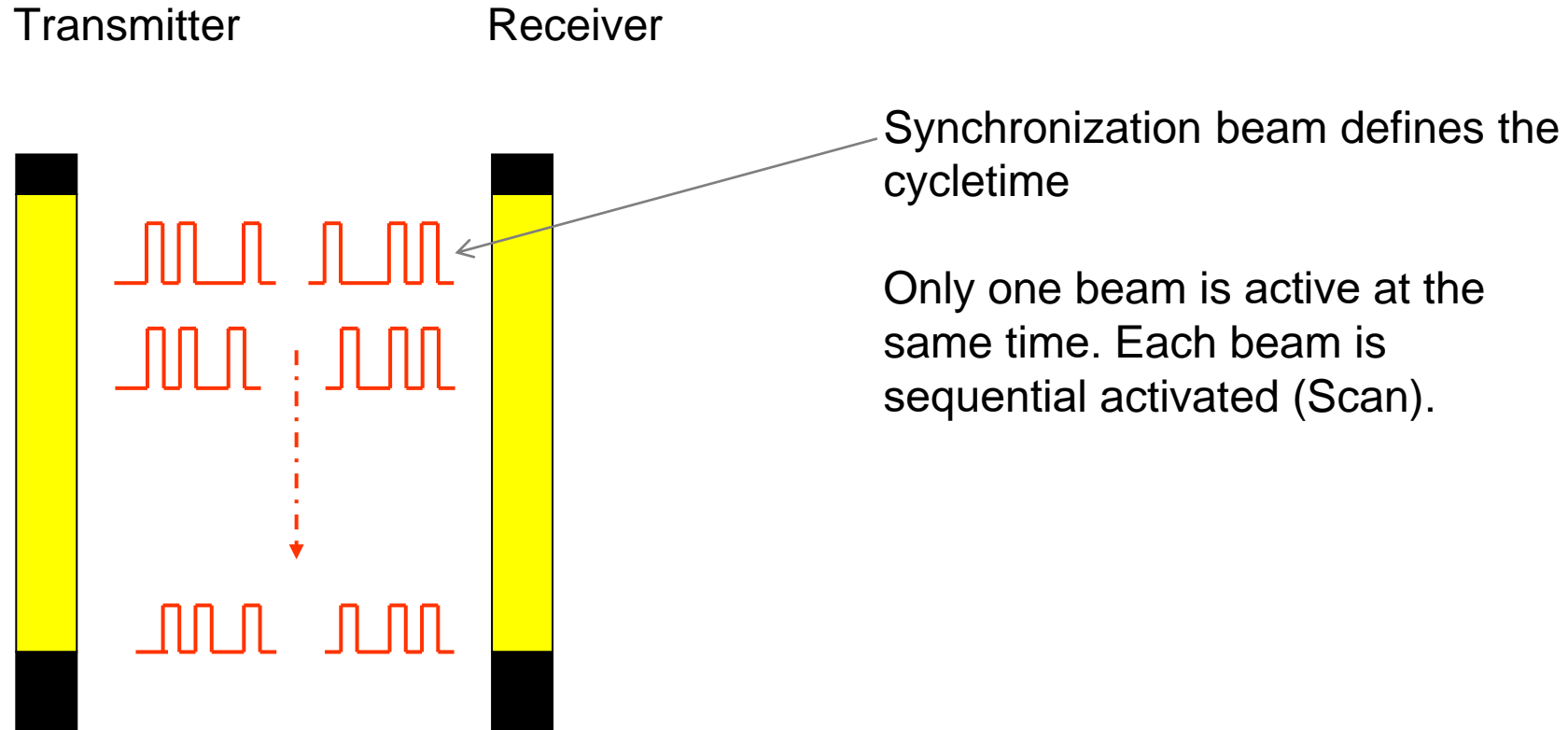


Application Note DoubleScan

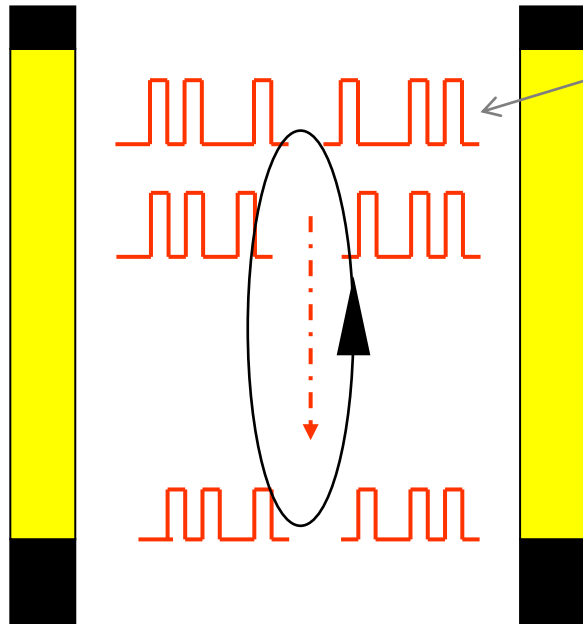
DoubleScan (Principle)



DoubleScan (Principle)

Transmitter

Receiver



DoubleScan:

Here the beams are run through twice. OSSD will only switch off if an interruption is detected in both runs.

Advantage:

Short interruptions like welding sparks etc. don't cause a switch off of the light curtain

Disadvantage:

Longer reaction time