



## BNK

### Aircraft Detection Lighting System for Wind Parks

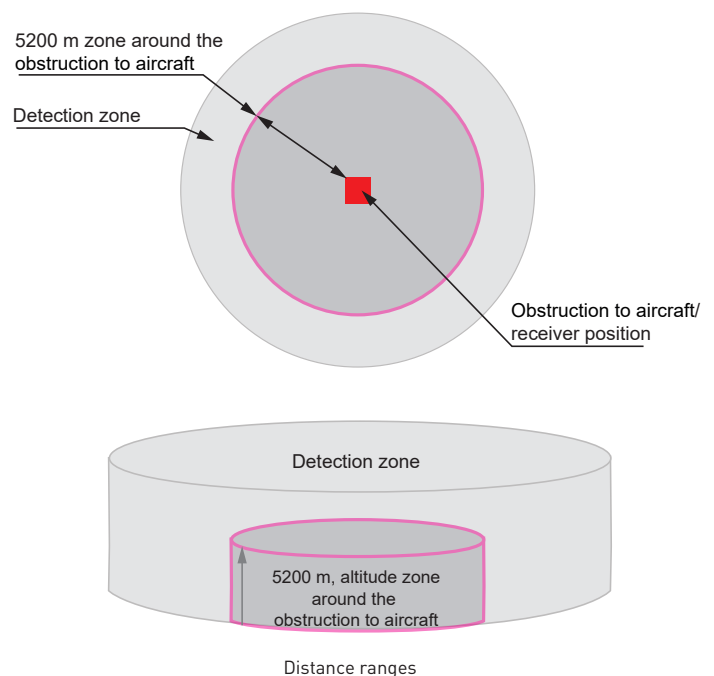
#### Overview

The Becker Avionics BNK solution is a transponder-based system and allows the simple and cost-effective fulfillment of the new General Administrative Regulation AVV according to Annex 6 to the demand-controlled night identification of aviation obstacles.

The solution is characterized by the minimized installation effort, the simple and safe configuration via web interface and the small size.

#### Features

- Robust technology
- Small size
- Minimized installation effort
- Self-diagnosis
- Easy integration into new or existing systems
- Remote control and diagnostics via Ethernet
- Logging of detected aircrafts
- Secure configuration via web interface



## Technical Data

The Becker Avionics BNK solution enables on-demand night-time identification of aviation obstacles according to AVV Annex 6 on the basis of a secondary radar solution.

Becker Avionics Certification: DIN EN ISO9100:2018 CERT Reg.-No. 12 210 20985 TMS.

BNK	Specification
<b>Receivable frames</b>	DF11, DF17 (Mode S), Mode A/C, DF0, DF4, DF16, DF20
<b>Logging and diagnostic range</b>	min. 90 days, > 20 km
<b>Inputs</b>	
Configuration and diagnostics interface	Ethernet / Web
External activation	Control input IEC 61131-2
Antenna 1090 MHz	Mode S, Mode A/C
Power supply	24 VDC
<b>Outputs</b>	
System OK	max 30 V, 100 mA, floating
Signal Light OFF	max 30 V, 500 mA, floating
<b>Environmental conditions</b>	
Operating temperature	-20...50 °C
Humidity	max. 85% non-condensing
Lightning protection	LPZ 2
<b>Dimensions</b>	
<b>Housing</b>	ca. 100 x 100 x 50 mm

