

# Product information

- EIR 100 - LED infrared illuminator for EZ 650 / EZN 850
- EIR 50 - LED infrared illuminator
- EIR 20 - LED infrared illuminator
- FH IRG 40 / 80 - LED infrared illuminator
- FH IRK 40 / 80 - LED infrared illuminator



EIR 100



EIR 50



EIR 20

## Technical data

	EIR 100	EIR 50	EIR 20
Wave length	850 nm		
Beaming angle	30° each (total 30~90° adjustable incl. camera)	20°	45°
Max. range	Max. 40 ~ 70 m (incl. camera)*	50 m*	20 m*
Colour	Silver		
Protection class	IP 66		
Power source	12 V DC, through EZ 650 / EZN 850 power output	12 V DC	
Power consumption	17 W max.	6 W	
Ambient temperature	-40°C ~ +50°C	-10°C ~ +50°C	
Dimensions	105 x 130 x 200 mm (HxWxD)	80 x 80 mm (Ø x H)	
Weight	750 g	330 g	
Remarks	Application with EZ 650 and EZN 850	-	

## Application example EIR 100

Application with day/night IR cameras EZ 650 / EZN 850



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FH IRG 40 / 80



FH IRK 40 / 80

## Technical data

	FH IRG 40	FH IRG 80	FH IRK 40	FH IRK 80
Wave length	845 nm			
Beaming angle	40°	80°	40°	80°
Max. range	90 m*	40 m*	30 m*	20 m*
Colour	black			
Protection class	IP 65			
Power source	230 V AC			
Power consumption	37 W		20 W	
Ambient temperature	-20°C ~ +50°C			
Dimensions (WxHxD)	160 x 106 x 88 mm		120 x 80 x 65 mm	
Weight	1,5 kg		1,1 kg	
Accessories	Wall mount bracket BA WBJF (optional)		Wall mount bracket BA WBCD (optional)	

## Accessories FH IRG 40/80 / FH IRK 40/80

### BA WBJF – wall mount bracket

**Material:** die-cast aluminium, powder-coated black

**Length:** 285 mm

**Max. load:** 25 kg

**Application:** with FH IRG 40 / FH IRG 80



### BA WBCD – wall mount bracket

**Material:** die-cast aluminium, powder-coated black

**Length:** 140 mm

**Max. load:** 1 kg

**Application:** with FH IRK 40 / FH IRK 80



\* The IR illumination range depends on the location, particularly with regard to the reflection of the installation's surroundings. Locating the device near to highly absorbent surfaces can result in a significantly reduced range.

## Ordering information

EIR 100	IR illuminator kit for EZ 650 and EZN 850, 12 V DC (through EZ 650 / EZN 850 power output)
EIR 50	LED infrared illuminator, 20° beaming angle, max. range 50 m*, IP66, 12 V DC
EIR 20	LED infrared illuminator, 45° beaming angle, max. range 20 m*, IP66, 12 V DC
FH IRG 40	LED infrared illuminator, 40° beaming angle, max. range 90 m*, IP66, 230 V AC
FH IRG 80	LED infrared illuminator, 80° beaming angle, max. range 40 m*, IP66, 230 V AC
FH IRK 40	LED infrared illuminator, 40° beaming angle, max. range 30 m*, IP66, 230 V AC
FH IRK 80	LED infrared illuminator, 80° beaming angle, max. range 20 m*, IP66, 230 V AC
BA WBJF	Wall mount bracket for IR illuminators FH IRG 40 / 80, length: 285mm, max. load 25 kg
BA WBCD	Wall mount bracket for IR illuminators FH IRK 40 / 80, length: 140mm, max. load 1 kg