Illuminators
Quick Selection Guide

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	IR Illuminator 5000 SR	IR Illuminator 5000 MR	IR Illuminator 5000 MRP (IP/PoE)	IR Illuminator 5000 LR	IR Illuminator 5000 XR
Description					
Max. illumination range 850nm	156 m (510 ft)	220 m (720 ft)	220 m (720 ft)	268 m (510 ft)	308 m (1010 ft)
940nm	95 m (313 ft)	135 m (443 ft)	135 m (443 ft)	165 m (540 ft)	189 m (620 ft)
Beam angles	10, 20, 30, 60, 80, 95	10, 20, 30, 60, 80, 95	10, 20, 30, 60, 80, 95	10, 20, 30, 60, 80, 95	10, 20, 30, 60, 80,95
Warranty	5 year warranty	5 year warranty	5 year warranty	5 year warranty	5 year warranty
Construction					
Material	Robust anodized alumunium extrusion	Robust anodized alumunium extrusion	Robust anodized alumunium extrusion	Robust anodized alumunium extrusion	Robust anodized alumunium extrusion
Colour	Black	Black	Black	Black	Black
Dimensions (W x D x H)	110 x 76 x 70 mm (4.33 x 2.99 x 2.76 in)	110 x 76 x 115 mm (4.33 x 2.99 x 4.53 in)	110 x 76 x 115 mm (4.33 x 2.99 x 4.53 in)	110 x 76 x 161 mm (4.33 x 2.99 x 6.34 in)	110 x 76 x 213 mm (4.33 x 2.99 x 8.39 in)
Weight (without bracket)	0.75 kg (1.6 lbs)	1.06 kg (2.3 lbs)	1.06 kg (2.3 lbs)	1.4 kg (3.1 lbs)	1.84 (4.1 lbs)
Power					
Power input	12 to 32 VDC or 24 VAC	12 to 32 VDC or 24 VAC	PoE+	12 to 32 VDC or 24 VAC	12 to 32 VDC or 24 VAC
Power consumption	13 W	26 W	26 W (PoE+)	39 W	52 W
Environmental					
Weatherproofing	IP 66	IP 66	IP 66	IP 66	IP 66
Vandal resistant	IK09	IK09	IK09	IK09	IK09
Operational temperature	-50 °C to +50 °C (-58 °F to +122 °F)	-50 °C to +50 °C (-58 °F to +122 °F)	-50 °C to +50 °C (-58 °F to +122 °F)	-50 °C to +50 °C (-58 °F to +122 °F)	-50 °C to +50 °C (-58 °F to +122 °F)
Accessoiries					
Recommended PSU	PSU-IIR-35	PSU-IIR-35	–	PSU-IIR-60	PSU-IIR-60
Bracket	Black powder coated stainless steel U-bracket as standard	Black powder coated stainless steel U-bracket as standard	Black powder coated stainless steel U-bracket as standard	Black powder coated stainless steel U-bracket as standard	Black powder coated stainless steel U-bracket as standard
Cable	Supplied with 3 m (9 ft) of connecting lead	Supplied with 3 m (9 ft) of connecting lead	Supplied with 1 m (3 ft) of connecting lead	Supplied with 3 m (9 ft) of connecting lead	Supplied with 3 m (9 ft) of connecting lead
Typical applications					
	Short range indoor and outdoor surveillance applications. Commercial and residential, offices, bars and nightclubs. Wherever evidentiary quality night-time surveillance images are needed.	Medium-range indoor and outdoor surveillance applications. Rail and road applications, city centres, commercial and residential applications. Wherever evidentiary quality night-time surveillance images are needed.	Medium-range indoor and outdoor surveillance applications. Rail and road applications, city centres, commercial and residential applications. Wherever evidentiary quality night-time surveillance images are needed.	Long-range indoor and outdoor surveillance applications. Perimetere surveillance, utilities, ports and harbours, border control, airports. Wherever evidentiary quality night-time surveillance images are needed.	Extra long-range indoor and outdoor surveillance applications. Energy efficient safety and architectural lighting, triggered visible lighting, industrial and commercial sites. Wherever evidentiary quality night-time surveillance images are needed.

Illuminator
brackets & power supply units

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	IIR-MNT-SLB Single L-bracket L-mount bracket for single illuminator	IIR-MNT-DLB Double L-bracket L-mount bracket for two illuminators	IIR-MNT-TLB Triple L-bracket L-mount bracket for three illuminators	IIR-MNT-PMB Pole mount bracket Illuminator pole mount bracket
Dimensions (W x H x D)	103 x 100 x 75,5 mm (4.06 x 3.94 x 2.97 in)	231 x 160 x 75.5 mm (9.09 x 6.30 x 2.97 in)	359 x 160 x 75.5 mm (14.13 x 6.30 x 2.97 in)	160 x 117 x 40 mm (6.30 x 4.61 x 1.57 in)
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Finish	Black powder coating	Black powder coating	Black powder coating	Black powder coating
Weight	212 g (0.47 lbs)	607 g (1.34 lbs)	866 g (1.91 lbs)	798 g (1.76 lbs)

	PSU-IIR-35 Power Supply unit, 35W	PSU-IIR-60 Power supply unit, 60W	PSU-IIR-100* Power supply unit, 100W
Input voltage	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Output voltage	24 VDC, ±2%	24 VDC, ±2%	24 VDC, ±2%
Maximum load	1.46 A	2.5 A	4.16 A
Connection type	Flying leads	Flying leads	Flying leads
Operating temperature	-25 °C to +50 °C (-13 °F to +122 °F)	-25 °C to +50 °C (-13 °F to +122 °F)	-25 °C to +50 °C (-13 °F to +122 °F)
Dimensions (H x W x D)	212 x 37 x 27 mm (8.3 x 1.5 x 1.1 in)	178 x 72 x 45 mm (7 x 2.8 x 1.8 in)	210 x 72 x 45 mm (8.3 x 2.8 x 1.8 in)
Material	Aluminium	Aluminium	Aluminium
Ingress Protection rating/ standard	IP67 (with appropriate installation standards)	IP67 (with appropriate installation standards)	IP67 (with appropriate installation standards)

* Can be used to power multiple illuminators