

Complete surveillance solutions.

NightWatch™

ILLUMINATORS by Digital Watchdog®



IR, White Light and Hybrid Illuminators

NightWatch™

Illuminators by Digital Watchdog®



Complement your existing surveillance solution with illuminators.

DW® NightWatch™ illuminators are NDAA/TAA compliant, and perfect for any installation that requires concealed or visible external lighting. The illuminators are fully integrated with DW Spectrum® IPVMS and can be controlled and managed remotely from the software.



Compliance

DW® IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea.

Manufactured in Korea.

To learn more:
<http://www.digital-watchdog.com/ndaa>

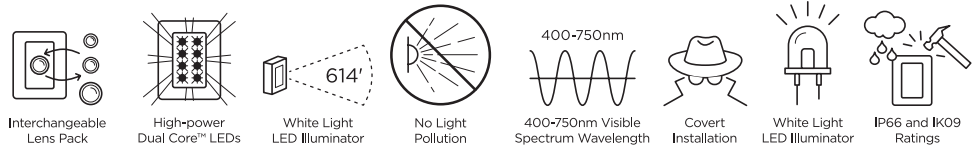


NightWatch™ illuminators and SiteWatch™ detectors

When the detectors detect motion, the illuminators can be programmed to turn on, and cameras can be activated to record.
 All devices can be controlled via DW Spectrum® IPVMS.



Features*:



- Infra-Red (IR) and White-light LED illuminators
- Interchangeable lens pack to deliver a variety of angles out of the box
- Create different elliptical beam profiles
- Coverage distance up to 374' (115m) (DW-ILIRIP940, DW-ILWLIPM)
- Coverage distance up to 614' (187m) (DW-ILIRIP850)
- Configure lights to switch on when motion is detected
- Activate white-light to deter intruders (DW-ILWLIPM)
- Adjustable photocell and illumination levels
- 850nm - 940nm wavelength (DW-ILIRIP850, DW-ILIRIP940)
- Visible spectrum wavelength 400-750nm (DW-ILWLIPM)
- Web Interface built-in
- High-power Dual-Core™ LEDs, with advanced, current limited, integral control circuitry
- IP66 environmental-rated dust-tight and water-resistant
- IK 09-rated impact-resistant



* See last page for product specifications



NightWatch™ illuminating distances

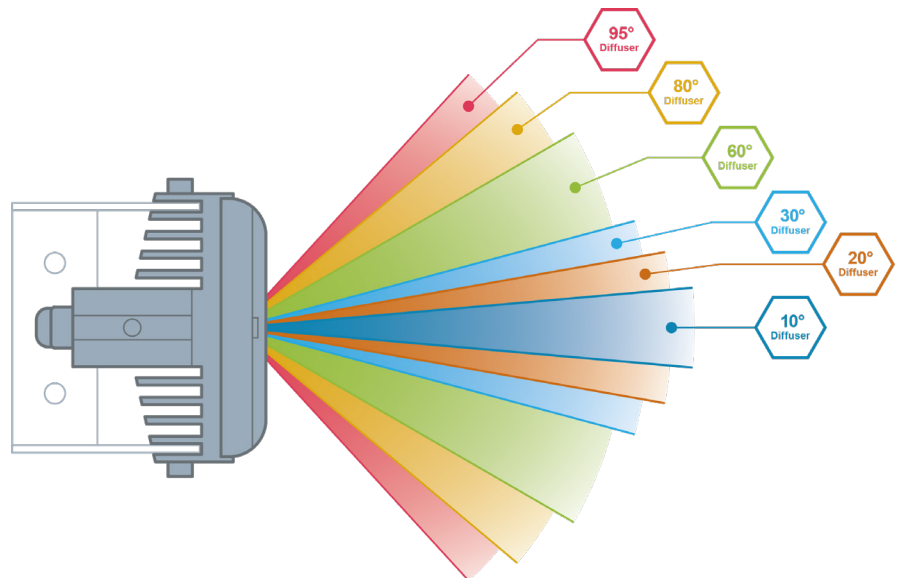
The NightWatch™ Infra-Red and White-Light illuminators incorporate the latest surface mount Dual-Core™ LEDs, combined with enhanced optical output and outstanding reliability at a variety of distances and wavelengths.

FEET		16	33	69	98	112	118	128	138	141	167	171	180	190	197	216	223	239	256	272	295	308	335	351	374	384	400	420	430	433	476	512	525	548	587	600	613
DW-ILIRIP850 DW-ILHYBIP850 (mounting angle)		95°				80°				60°				30°				20°				10°															
METRES		5	10	21	30	34	36	39	42	43	51	52	55	58	60	66	68	73	78	83	90	94	102	107	114	117	122	128	131	132	145	156	160	167	179	183	187
FEET		7	16	39	59	66	79	85	92	98	112	121	128	131	138	157	161	167	171	184	194	213	223	243	256	259	262	266	279	298	321	344	364	367	377	417	426
DW-ILIRIP940 DW-ILHYBIP940 (mounting angle)		95°				80°				60°				30°				20°				10°															
METRES		2	5	12	18	20	24	26	28	30	34	37	39	40	42	48	49	51	52	56	59	65	68	74	78	79	80	81	85	91	98	105	111	112	115	127	130
FEET		33	66	82	89	95	98	102	112	115	125	131	151	154	157	161	174	177	184	190	213	220	230	243	249	256	262	266	285	305	328	348	361	374	394	410	417
DW-ILWLIPM DW-ILHYBIP850 DW-ILHYBIP940 (mounting angle)		95°				80°				60°				30°				20°				10°															
METRES		10	20	25	27	29	30	31	34	35	38	40	46	47	48	49	53	54	56	58	65	67	70	74	76	78	80	81	87	93	100	106	110	114	120	125	127



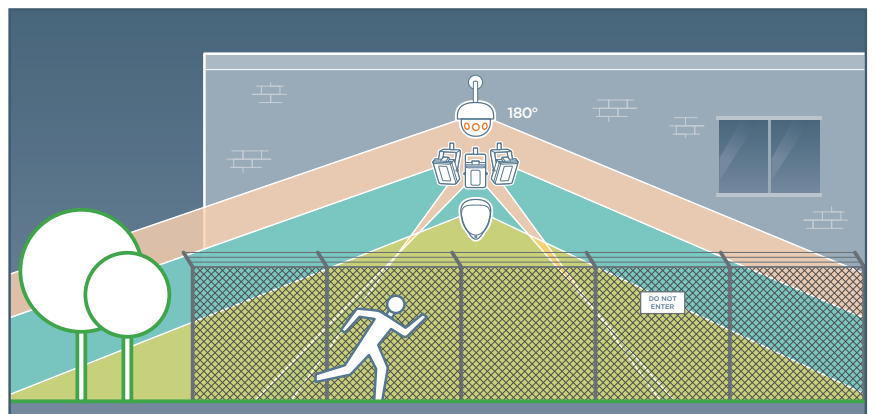
Interchangeable lens diffuser kit

Each NightWatch™ illuminator is supplied with an interchangeable lens diffuser kit, allowing installers to easily change the angle of illumination and align perfectly with the camera's field of view.



Amplify panoramic surveillance

Combine illuminators and motion detectors with MEGApix® PANO™ multi-sensor and hemispheric fisheye cameras to create a formidable panoramic solution.





	DW-ILHYBIP850	DW-ILHYBIP940	DW-ILIRIP850	DW-ILIRIP940	DW-ILWLIPM
Consumption	25W				
IP rating	IP66 environmental-rated dust-tight and water-resistant				
Electronics	High-efficiency surface mount high power Dual-Core™ LEDs with advanced, current limited, integral control circuitry				
Lumen output	1800 lm		NA		2400 lm
Color temperature	Ultra white ≈ 6000K		NA		5700K (6000K and 6500K options available to order)
Color rendering index	>70		NA		Typ. 80
Wavelength	850nm	940nm	850nm	940nm	400- 750nm
Coverage distance	614' (187m)	374' (115m)	614' (187m)	374' (115m)	374' (115m)
Operating temperature	-58° to 140°F (-50° to 60°C)		-58°F to 122°F (-50°C to 50°C)		
Remote access	Web browser user interface. Full control via DW Spectrum *IPVMS				
Photocell	Software adjustable 20 – 70 lux				
Illumination	Software adjustable 10% - 100% with pulse modes				
Shock sensor and pressure equalization vent	Prevents thermal expansion and pressure cycling		NA	NA	NA
Warranty	2 year warranty				

Mounting Accessories



DW-ILWM1
Mount bracket for a single (1) illuminator



DW-ILWM3
Mount bracket for three (3) illuminators



DW-ILWM2
Mount bracket for two (2) illuminators



DW-ILPM1
Pole mount bracket for a single (1) illuminator

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