

DCN NETWORK CAMERAS

Eco Series

- 2MP ~ 8MP@25fps
- Supports Face, Human, and Vehicle Detection
- Meets the intelligent security needs of small and medium-sized enterprises
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human detection)



Deep Learning Algorithm



Human/Vehicle Detection



Smart Event



Smart IR



Memory Slot



Multiple Resolution



IPC Eco Series

Model	DCN-IPR5BYANB-ECO-02	DCN-IPR5BZANZ-ECO-11	DCN-IPV5EFARB-ECO-09	DCN-IPV5EEARZ-ECO-08	DCN-IPV5HABNB-ECO-06	DCN-IPV5HNBSB-ECO-10	DCN-IPV5HDBNB-ECO-06
Appearance							
Image sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens	2.8 mm/F2.0, 4 mm/F1.6	2.7 to 13.5 mm/F1.6	2.8 mm/F2.0, 4 mm/F1.6	2.7 to 13.5 mm/F1.6	2.8 mm/F2.0, 4 mm/F1.6	2.8 mm/F1.6	2.7 to 13.5 mm/F1.6
FOV-H	2.8 mm: H: 105.5°, V: 56.3°, 4 mm: H: 91.8°, V: 46.3°	H: 102.3° to 33.1°, V: 54.3° to 18.5°	2.8 mm: H: 105.5°, V: 56.3°, 4 mm: H: 91.8°, V: 46.3°	H: 102.3° to 33.1°, V: 54.3° to 18.5°	2.8 mm: H: 105.5°, V: 56.3°, 4 mm: H: 91.8°, V: 46.3°	H: 110.9°, V: 59.9°	H: 102.3° to 33.1°, V: 54.3° to 18.5°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR ON
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	Up to 30 m (98.4ft)	Up to 40 m (131.2ft)	Up to 30 m (98.4ft)	Up to 40 m (131.2ft)	Up to 30 m (98.4ft)	IR distance up to 30 m (98.4ft) Warm distance up to 20 m (65.6ft)	Up to 40 m (131.2ft)
Max. Resolution	2880 × 1620 (5MP)	2880 × 1620 (5MP)	2880 × 1620 (5MP)	2880 × 1620 (5MP)	2880 × 1620 (5MP)	2880 × 1620 (5MP)	2880 × 1620 (5MP)
Frames Per Second	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP
Smart Function	Support Face, Human, Vehicle Detection. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection, and People counting				Support Face, Human, Vehicle Detection. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection, and People counting		
Audio In/Out	1/1, Built-in Mic	1/1	1/1	1/1, Built-in Mic	1/1, Built-in Mic	-/-, Built-in Mic and Speaker	1/1, Built-in Mic
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	-/-	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB
Ingress Protection	IP66	IP67	IP67, IK10	IP66, IK10	IP66	IP66	IP66
Operating Temperature	-30° C~60° C (-22° F ~140° F)	-30° C~60° C (-22° F ~140° F)	-30° C~60° C (-22° F ~140° F)	-30° C~60° C (-22° F ~140° F)	-30° C~60° C (-22° F ~140° F)	-30° C~55° C (-22° F ~131° F)	-30° C~60° C (-22° F ~140° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	187.6 × 64 × 64mm	232 × 80 × 80 mm	φ110 × 85.4 mm	φ130 × 113mm	φ110 × 94 mm	-	φ130 × 113mm

Datacomm Networks UK

4, Westerly Court, 310 West End Road, Ruislip,
HA4 6QL, UK



+44 7300 227719



info@dcn-networks.co.uk

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