



DCN NETWORK CAMERAS

Ultra Series

- Excellent image visual experience, equipped with professional intelligent analysis, can achieve accurate alarm in complex environment
- Meets the professional security surveillance industry requirements
- Support Face, Human, Vehicle Detection and Capture
- Smart Events: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting



Full Color



Ultra Starlight



Deep Learning Algorithm



Human/Vehicle Detection



People Counting



Smart Event



True WDR



Two-way Audio



Alarm In/Out



Memory Slot

IPC Ultra Series

Full-color Bullet Cameras						
Model	DCN-IPR4DQAWB-ULTR-1-3	DCN-IPR4DQAWPZ-ULTR-1-3	DCN-IPR8CBAWB-ULTR-1-3	DCN-IPR4CBAWB-ULTR-1-3	DCN-IPR8DQAWB-ULTR-1-3	DCN-IPR4DQAWB-ULTR-1-3
Appearance						
Image sensor	1/1.8" CMOS	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS
Lens	2.8 mm/4 mm/6 mm optional	4.5 to 8 mm or 8 to 32 mm (Motorized, Auto Iris)	2.8 mm/F1.0	4 mm/F1.0	2.8 mm/F1.0	4 mm/F1.0
FOV-H	2.8 mm, H: 112.4°, V: 61.2° 4 mm, H: 95.6°, V: 50.6° 6 mm, H: 54.4°, V: 28.7°	4.5 to 8 mm, H: 101° to 57.5°, V: 52.7° to 32° 8 to 32 mm, H: 39.7° to 16°, V: 22.6° to 9.2°	H: 110.9°, V: 59.6°	H: 94.3°, V: 50°	H: 110.9°, V: 59.6°	H: 94.3°, V: 50°
Day and Night	Fixed filter	Fixed filter	Fixed filter	Fixed filter	Fixed filter	Fixed filter
Min. Illumination(lux)	Color: 0.0001 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.0001 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.001 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.0005 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.001 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.0005 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	Up to 40 m (131.2 ft)	4.5 to 8 mm: up to 40 m (131.2 ft) 8 to 32 mm: up to 60 m (196.9 ft) 2688 × 1520 (4MP)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 40 m (131.2 ft)	Up to 40 m (131.2 ft)
Max. Resolution	2688 × 1520 (4MP)	25/30fps @4MP	3840 × 2160 (8MP)	2560 × 1440 (4MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Frames Per Second	25/30fps @4MP		25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.					
Audio In/Out	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
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. 256GB	Micro SD, Max. 1 TB	Micro SD, Max. 256GB
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40°C~55°C (-40°F ~131°F)	-40°C to 55°C (-40°F to 131°F)	-40° C to 60° (-40° F to 140° F)	-40°C~55°C (-40°F ~131°F)	-40° C to 60° (-40° F to 140° F)	-40°C~55°C (-40°F ~131°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)
Product Size	303 × 100 × 107 mm	303 × 100 × 107 mm	242.6 × 87.6 × 97.2 mm	242.6 × 87.6 × 97.2 mm	303 × 100 × 107 mm	303 × 100 × 107 mm

IPC Ultra Series

	Full Color Turret Cameras			
Model	DCN-IPV8HCAWB-ULTR-1-5	DCN-IPR4HCAWB-ULTR-1-5	DCN-IPV8HDAWB-ULRT-1-5	DCN-IPR4HDAWB-ULTR-1-5
Appearance	 	 	 	 
Image sensor	1/1.8" STARVIS™ CMOS	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS
Lens	2.8 mm/F1.0	4 mm/F1.0	2.8 mm/F1.0	4 mm/F1.0
FOV-H	H: 110.9° , V: 59.6°	H: 94.3° , V: 50°	H: 110.9° , V: 59.6°	H: 94.3° , V: 50°
Day and Night	Fixed filter	Fixed filter	Fixed filter	Fixed filter
Min. Illumination(lux)	Color: 0.001 Lux @(F1.0,AGC ON), B/W: 0 Lux with light on	Color: 0.0005 Lux @(F1.0,AGC ON), B/W: 0 Lux with light on	Color: 0.001 Lux @(F1.0,AGC ON), B/W: 0 Lux with light on	Color: 0.0005 Lux @(F1.0,AGC ON), B/W: 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)
Max. Resolution	3840 × 2160 (8MP)	2560 × 1440 (4MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Frames Per Second	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.			
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 256GB	Micro SD, Max. 1 TB	Micro SD, Max. 256GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C~55°C (-40°F ~131°F)	-40°C to 60°C (-40°F to 140°F)	-40°C~55°C (-40°F ~131°F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	φ118.2 × 93.9 mm	φ118.2 × 93.9 mm	φ140 × 119.2 mm	Φ140 × 119.2 mm

IPC Ultra Series

	Full Color Turret Cameras		
Model	DCN-IPV4HDAWB-ULTR-1-5	DCN-IPV8CQAWB-ULTR-1-5	DCN-IPR4CQAWB-ULTR-1-5
Appearance	 NightHawk	 Starlight	 Starlight
Image sensor	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS
Lens	2.8 mm/F1.0, 4 mm/F1.0	2.8 mm/F1.0	4 mm/F1.0
FOV-H	2.8 mm, H: 112.2°, V: 60.7° 4 mm, H: 95.6°, V: 50.6°	H: 110.9°, V: 59.6°	H: 94.3°, V: 50°
Day and Night	Fixed filter	Fixed filter	Fixed filter
Min. Illumination(lux)	Color: 0.0001 Lux @(F1.0, AGC ON), 0 Lux with warm-light ON	Color: 0.001 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on	Color: 0.0005 Lux @(F1.0, AGC ON), B/W: 0 Lux with light on
WDR	True WDR	True WDR	True WDR
Illumination Distance	Up to 40 m (131.2ft)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)
Max. Resolution	2688 × 1520 (4MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Frames Per Second	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.		
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 256GB
Ingress Protection	IP66	IP66	IP66
Operating Temperature	-40°C~55°C (-40°F ~131°F)	-40° C to 60° C (-40° F to 140° F)	-40°C~55°C (-40°F ~131°F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	Φ140 × 119.2 mm	Φ140 × 119.2 mm	Φ140 × 119.2 mm

IPC Ultra Series

	Smart Dual Light Cameras			
Model	DCN-IPR8DQASVZ-ULTR-10	DCN-IPR4DQASB-ULTR-10	DCN-IPR8CBASVZ-ULTR-10	DCN-IPR4CBASB-ULTR-10
Appearance	 	 	 	 
Image sensor	1/1.8"STARVIS™ CMOS	1/1.8"CMOS	1/1.8" STARVIS™ CMOS	1/1.8"CMOS
Lens	3.6 to 11 mm/F1.3 (Motorized)	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized)	2.8 mm/F1.6, 4 mm/F1.6
FOV-H	H: 113.4° to 48.9°, V: 59° to 26.6°	2.8 mm, H: 110.9°, V: 57.5° 4 mm, H: 88.7°, V: 50.2°	H: 113.4° to 48.9°, V: 59° to 26.6°	2.8 mm, H: 110.9°, V: 57.5° 4 mm, H: 88.7°, V: 50.2°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.001 Lux @(F1.6, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.001 Lux @(F1.6, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	IR distance up to 60 m (196.9 ft) Warm light distance up to 50 m (164.0 ft) 3840 × 2160 (8MP)	IR distance up to 50 m (164.0 ft) Warm lights distance up to 40 m (131.2 ft) 2560 × 1440 (4MP)	IR up to 40 m (131.2 ft) Warm light up to 30 m (98.4 ft) 3840 × 2160 (8MP)	IR distance up to 40 m (131.2 ft) Warm light distance up to 30 m (98.4 ft) 2560 × 1440 (4MP)
Max. Resolution	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP
Frames Per Second				
Smart Function	Support Face, Human, Vehicle Detection and Capture. 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 and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40° C to 60° (-40° F to 140° F)	-40°C to 55°C (-40°F to 131°F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	303 × 100 × 107 mm	303 × 100 × 107 mm	242.6 × 87.6 × 97.2 mm	243 × 88 × 97 mm

IPC Ultra Series

	Smart Dual Light Cameras				
Model	DCN-IPV8HCASB-ULTR-10	DCN-IPV8HDASVZ-ULTR-10	DCN-IPV8CQASB-ULTR-10	DCN-IPV8CQASVZ-ULTR-10	DCN-IPR4CQASB-ULTR-10
Appearance					
Image sensor	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS
Lens	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized)	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized)	2.8 mm/F1.6, 4 mm/F1.6
FOV-H	2.8 mm, H: 110.5°, V: 56.5° 4 mm, H: 88.4°, V: 50°	H: 113.4° to 48.9°, V: 59° to 26.6°	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	H: 113.4° to 48.9°, V: 59° to 26.6°	2.8 mm, H: 110.9°, V: 57.5° 4 mm, H: 88.7°, V: 50.2°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on True WDR	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on True WDR	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on True WDR	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on True WDR	Color: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with light on True WDR
WDR	IR up to 30 m (98.4 ft) Warm light up to 20 m (65.6 ft)	IR up to 40 m (131.2 ft) Warm light up to 30 m (98.4 ft)	IR up to 40 m (131.2 ft) Warm light up to 30 m (98.4 ft)	IR up to 50 m (164.0 ft) Warm lights up to 40 m (131.2 ft)	IR up to 40 m (131.2 ft) Warm light up to 30 m (98.4 ft)
Illumination Distance	3840 × 2160 (8MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Max. Resolution	25/30fps @8MP	25/30fps @8MP	25/30fps @8MP	25/30fps @8MP	25/30fps @4MP
Frames Per Second	Support Face, Human, Vehicle Detection and Capture.				
Smart Function	Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.				
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	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. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°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)
Product Size	φ118.2 × 93.9 mm	φ140 × 119.2 mm	φ140 × 119.2 mm	φ140 × 119.2 mm	φ140 × 119.2 mm

IPC Ultra Series

	Box Cameras		Starlight Bullet Cameras			
Model	DCN-IPC12HANF-ULTR-15	DCN-IPC8HANF-ULTR-15	DCN-IPR8BYANB-ULTR-15	DCN-IPR4BYANB-ULTR-15	DCN-IPR-8BZANVZ-ULTR-15	DCN-IPR4BZANZ-ULTR-15
Appearance						
Image sensor	1/1.7"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"CMOS	1/1.8"STARVIS™ CMOS	1/1.8"CMOS
Lens	C/CS Mount Lens	C/CS Mount Lens	2.8 mm/F1.6, 4 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	3.6 to 11 mm/F1.3 (Motorized)
FOV-H	-	-	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	2.8 mm, H: 110.9°, V: 57.5° 4 mm, H: 88.7°, V: 50.2°	H: 113.4° to 48.9°, V: 59° to 26.6°	H: 113.8° to 50.9°, V: 59.4° to 28.6°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON)	Color: 0.003 Lux @ (F1.3, AGC ON), B/W: 0.0003 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.0008 Lux @ (F1.3, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	-	-	Up to 40 m (131.2 ft)	Up to 40 m (131.2 ft)	Up to 50 m (164.0 ft)	Up to 50 m (164.0 ft)
Max. Resolution	4000 × 3000 (12MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Frames Per Second	25fps @12MP	25/30fps @8MP	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. 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, Built-in Mic	1/1	1/1	1/1	1/1
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. 256 GB	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB
Ingress Protection	-	-	IP67	IP67	IP67	IP67
Operating Temperature	-30° C to 55° C (-22° F to 131° F)	-30° C to 55° C (-22° F to 131° F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)
Power	12 VDC/24 VAC/PoE (802.3af)	12 VDC/24 VAC/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	150.2 × 75 × 69.7 mm	150.2 × 75 × 69.7 mm	187.6 × 64 × 64 mm	187.6 × 64 × 64 mm	232 × 80 × 80 mm	232 × 80 × 80 mm

IPC Ultra Series

DCN-IPR-8084AKAN(-S)-VZ

	Starlight Bullet Cameras					
Model	DCN-IPR12AKAN(-S)PZ-ULTR-16	DCN-IPR8AKAN(-S)VZ-ULTR-16	DCN-IPR4AKANZ-ULTR-16	DCN-IPR8DQANVZ-ULTR-16	DCN-IPR4DQANZ-ULTR-16	DCN-IPR4CBANZ-ULTR-16
Appearance						
Image sensor	1/1.7"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"CMOS	1/1.8"STARVIS™ CMOS	1/1.8"CMOS	1/1.8"CMOS
Lens	4.1 to 12.8 mm/F1.53 to F3.3 (Motorized, Auto Iris)	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	3.6 to 11 mm/F1.3 (Motorized)	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	3.6 to 11 mm/F1.3 (Motorized)	3.6 to 11 mm/F1.3 (Motorized)
FOV-H	H: 93.8° to 34° , V: 70.1° to 25.8°	H: 112.6° to 47.9° , V: 58.2° to 26.8°	H: 113.8° to 50.9° , V: 59.4° to 28.6°	H: 113.4° to 48.9° , V: 59° to 26.6°	H: 113.8° to 50.9° , V: 59.4° to 28.6°	H: 113.8° to 50.9° , V: 59.4° to 28.6°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.001Lux @ (F1.2, AGC ON), B/W: 0Lux with IR on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with IR on	Color: 0.0008 Lux @(F1.3, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with IR on	Color: 0.0008 Lux @(F1.3, AGC ON), 0 Lux with light on	Color: 0.0008 Lux @(F1.3, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 60 m (196.9 ft)	Up to 70 m (229.7 ft)	Up to 60 m (196.9 ft)	Up to 70 m (229.7 ft)	Up to 60 m (196.9 ft)	Up to 50 m (164.0 ft)
Max. Resolution	4000 × 3000 (12MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)	2560 × 1440 (4MP)
Frames Per Second	25fps @12MP	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.					
Audio In/Out	1/1, Built-in Mic, With -S: Built-in Speaker	1/1, Built-in Mic, With -S: Built-in Speaker	1/1	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
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. 256 GB	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66, IK10	IP66, IK10	IP67, IK10	IP66	IP66	IP66
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)
Power	12 VDC/24 VAC/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	φ110 × 356.3 mm	φ110 × 356.3 mm	φ110 × 356.3 mm	303 × 100 × 107 mm	303 × 100 × 107 mm	243 × 88 × 97 mm

IPC Ultra Series

	Starlight Dome Cameras				
Model	DCN-IPD8EPARB-ULTRA-17	DCN-IPV8EGARB-ULTRA-17	DCN-IPV8EWARB-ULTRA-17	DCN-IPV8EFARB-ULTRA-17	DCN-IPV8EEARVZ-ULTRA-17
Appearance					
Image sensor	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS
Lens	2.8 mm/F1.6, 4 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized, DC Iris)
FOV-H	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	H: 113.4° to 48.9°, V: 59° to 26.6°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 30 m (98.4 ft)	Up to 50 m (164.0 ft)
Max. Resolution	3840 × 2160 (8MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)
Frames Per Second	25/30fps @8MP	25/30fps @8MP	25/30fps @8MP	25/30fps @8MP	25/30fps @8MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. 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, Built-in Mic	1/1, Built-in Mic	1/1	1/1
Alarm In/Out	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
Ingress Protection	-	IP66	IP67, IK10	IP67, IK10	IP66, IK10
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 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)
Product Size	99.6 × 99.6 × 6.5 mm	99.6 × 99.6 × 63.3 mm	99.6 × 99.6 × 63.3 mm	φ110 × 85.4 mm	φ130 × 113.3 mm

IPC Ultra Series

	Starlight Turret Cameras				
Model	DCN-IPV8HCARB-ULTR-18	DCN-IPR4HCANB-ULTR-18	DCN-IPV8HDARVZ-ULTR-18	DCN-IPV8CQARVZ-ULTR-18	DCN-IPR4CQANZ-ULTR-18
Appearance	 	 	 	 	 
Image sensor	1/1.8"STARVIS™ CMOS	1/1.8"CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"CMOS
Lens	2.8 mm/F1.6, 4 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	3.6 to 11 mm/F1.3 (Motorized)
FOV-H	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	2.8 mm, H: 110.9°, V: 57.5° 4 mm, H: 88.7°, V: 50.2°	H: 112.6° to 47.9°, V: 58.2° to 26.8°	H: 113.4° to 48.9°, V: 59° to 26.6°	H: 113.8° to 50.9°, V: 59.4° to 28.6°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.001 Lux @(F1.6, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.003Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.0008 Lux @(F1.3, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 40 m (131.2 ft)	Up to 40 m (131.2 ft)	Up to 50 m (164.0 ft)	Up to 50 m (164.0 ft)	Up to 50 m (164.0 ft)
Max. Resolution	3840 × 2160 (8MP)	2560 × 1440 (4MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)	2560 × 1440 (4MP)
Frames Per Second	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @8MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.				
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°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)
Product Size	Φ118.2 × 93.9 mm	Φ118.2 × 93.9 mm	φ140 × 119.2 mm	φ140 × 119.2 mm	φ140 × 119.2 mm

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