



IP Camera Series

Powerful, Smart and Always Sharp



H.265 – 50% Lower Bitrate

IVS – Significantly Less False Alarms

WDR – Sharp in All Light Conditions

H.265 IVS Series



Product Line	Professional (5-series) H.265 + IVS + 3Mp@30 + WDR		Professional (5-series) H.265 + IVS + 4Mp + WDR	Ultimate (7-series) H.265 + IVS Pro + 1080p60 + WDR Extreme + Starlight		Ultimate (7-series) H.265 + IVS Pro + 5Mp@30 + WDR		Ultimate (7-series) H.265 + 1080p60 + WDR
Product								
Model Name	BL5103	DM5103	FE5404	BL7302	DM7302	BL7305	DM7305	SD7502
Camera Type	Outdoor IR Compact Bullet	Outdoor IR Eyeball Dome	Fisheye Mini Dome	Motorized Lens Outdoor IR Bullet	Motorized Lens Outdoor IR Dome	Motorized Lens Outdoor IR Bullet	Motorized Lens Outdoor IR Dome	30x Zoom Outdoor Speed Dome
Unique Features	1. H.265, 50% lower bitrate 2. 3 Megapixel @ 30fps 3. IVS 4. WDR 5. Adaptive IR	1. H.265, 50% lower bitrate 2. 3 Megapixel @ 30fps 3. IVS 4. WDR 5. Adaptive IR	1. H.265, 50% lower bitrate 2. IVS Pro 3. 4 Megapixel @ 30fps 4. WDR 5. Mini Size 6. IP66 and IK10 with outdoor kit	1. H.265, 50% lower bitrate 2. IVS Pro 3. 1080p @ 60fps 4. WDR Extreme 5. Motorized Zoom/Focus 6. -40°C Low Temperature 7. 40m Adaptive IR 8. Easy Focus	1. H.265, 50% lower bitrate 2. IVS Pro 3. 1080p @ 60fps 4. WDR Extreme 5. Motorized Zoom/Focus 6. -40°C Low Temperature 7. Adaptive IR 8. Easy Focus	1. H.265, 50% lower bitrate 2. IVS Pro 3. 5 Megapixel @ 30fps 4. WDR 5. Motorized Zoom/Focus 6. -40°C Low Temperature 7. 40m Adaptive IR 8. Easy Focus	1. H.265, 50% lower bitrate 2. IVS Pro 3. 5 Megapixel @ 30fps 4. WDR 5. Motorized Zoom/Focus 6. -40°C Low Temperature 7. Adaptive IR 8. Easy Focus	1. H.265, 50% lower bitrate 2. 1080p @ 60fps 3. 30x optical zoom 4. WDR 5. -40°C Low Temperature
Available	Available Q3 2015	Available Q3 2015	Available Q3 2015	Available Q2 2015	Available Q2 2015	Available Q3 2015	Available Q3 2015	Available Q3 2015
Max Resolution	2048 x 1536 (3MP)	2048 x 1536 (3MP)	2560 x 1520 (4MP)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	2560 x 1920 (5MP)	2560 x 1920 (5MP)	1920 x 1080 (Full HD)
Video Compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Max Frame Rate	30 fps at 2048 x 1536	30 fps at 2048 x 1536	20 fps at 2560 x 1520	60 fps at 1920 x 1080	60 fps at 1920 x 1080	30 fps at 2560 x 1920	30 fps at 2560 x 1920	60 fps at 1920 x 1080
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/2.8" CMOS
Lens	3.6mm	3.6mm	1.6mm	2.8 ~ 12mm Motorized zoom / focus	2.8 ~ 12mm Motorized zoom / focus	3.6 ~ 10mm Motorized zoom / focus	3.6 ~ 10mm Motorized zoom / focus	4.3 ~ 129mm 30x Optical zoom
Horizontal View Angle	80°	80°	360°/180°	104° ~ 33°	104° ~ 33°	109° ~ 42°	109° ~ 42°	65° ~ 2.3°
Iris	Fixed	Fixed	Fixed	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris
Mechanical IR-Cut Filter	√	√	√	√	√	√	√	√
Built-in IR Illumination	15m range, Adaptive IR	15m range, Adaptive IR	-	40m range, Adaptive IR	20m range, Adaptive IR	40m range, Adaptive IR	20m range, Adaptive IR	-
Audio	-	-	Two-way Line in & out	Two-way Line in & out	Two-way Line in & out	Two-way Line in & out	Two-way Line in & out	Two-way Line in & out
Analog Video Output	-	-	-	√	√	√	√	√
Alarm Input / Output	-	-	1 Input / 1 Output	2 Input / 2 Output	1 Input / 1 Output	2 Input / 2 Output	1 Input / 1 Output	1 Input / 1 Output
RS-485	-	-	-	-	-	√	√	√
Edge Storage	-	-	Micro SD card slot	SD card slot	SD card slot	SD card slot	SD card slot	-
Power over Ethernet	802.3af	802.3af	802.3af	802.3af / 802.3at	802.3af / 802.3at	802.3af / 802.3at	802.3af / 802.3at	-
Wireless	-	-	-	-	-	-	-	-
Pan / Tilt	-	-	ePTZ	RS-485 supports Pan / tilt motors	-	RS-485 supports Pan / tilt motors	-	360° Endless pan 185° Tilt
Built-in Fan / Heater	-	-	-	√ / √	√ / √	√ / √	√ / √	√ / √
Operating Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-20°C ~ 50°C	Extended Temperature -40°C ~ 60°C	Extended Temperature -40°C ~ 60°C	Extended Temperature -40°C ~ 60°C	Extended Temperature -40°C ~ 60°C	Extended Temperature -40°C ~ 50°C
Weatherproof	IP66	IP66	IP66 (with outdoor kit)	IP66	IP66	IP66	IP66	IP67
Vandal-proof	-	-	IK10	-	IK10	-	IK10	IK10

H.264 1080P Series

Product Line	Basic (3-series) H.264 + 1080p		Professional (5-series) H.264 + 1080p	
Product				
Model Name	BL3102	DM3102	BL5302	DM5302
Camera Type	Outdoor IR Compact Bullet	Outdoor IR Eyeball Dome	Motorized Lens Outdoor IR Bullet	Motorized Lens Outdoor IR Dome
Unique Features	1. Rol 2. Corridor Mode	1. Rol 2. Corridor Mode	1. Motorized Zoom/Focus 2. -40°C Low Temperature 3. 40m Adaptive IR 4. Easy Focus	1. Motorized Zoom/Focus 2. -40°C Low Temperature 3. Adaptive IR 4. Easy Focus
Available	Available Q2 2015	Available Q2 2015	Available Q2 2015	Available Q2 2015
Max Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Max Frame Rate	30 fps at 1920 x 1080	30 fps at 1920 x 1080	30 fps at 1920 x 1080	30 fps at 1920 x 1080
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens	3.6mm	3.6mm	2.8 ~ 12mm Motorized zoom / focus	2.8 ~ 12mm Motorized zoom / focus
Horizontal View Angle	70°	82°	107° ~ 33°	107° ~ 33°
Iris	Fixed	Fixed	P-Iris	P-Iris
Mechanical IR-Cut Filter	√	√	√	√
Built-in IR Illumination	15m range	15m range	40m range, Adaptive IR	25m range, Adaptive IR
Audio	-	-	Two-way, Line in & out	Two-way, Line in & out
Analog Video Output	-	-	√	√
Alarm Input / Output	-	-	2 Input / 2 Output	1 Input / 1 Output
RS-485	-	-	√	√
Edge Storage	-	-	SD card slot	SD card slot
Power over Ethernet	802.3af	802.3af	802.3af / 802.3at	802.3af / 802.3at
Wireless	-	-	-	-
Pan / Tilt	-	-	RS-485 supports Pan / tilt motors	-
Built-in Fan / Heater	-	-	√ / √	√ / √
Operating Temperature	-10°C ~ 50°C	-10°C ~ 50°C	Extended Temperature -40°C ~ 60°C	Extended Temperature -40°C ~ 60°C
Weatherproof	IP66	IP66	IP66	IP66
Vandal-proof	-	-	-	IK10

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