

Professional Surveillance Cameras



Compact yet powerful.

Professional Series: 4.0MP Fixed Lens IP Mini Bullet Camera

Uniquely powerful and compact, this mini bullet delivers a wide range of features in a very condensed housing. Experience double Full HD 1080p resolution, infrared, true WDR and more in robust weather resistant metal housing.

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 3.6mm fixed lens with 84° viewing angle
- Day/night (auto ICR) with 40m max infrared range
- Wide dynamic range (120db) with BLC/HLC
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- Triple stream and smart detection technologies
- IP67 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance



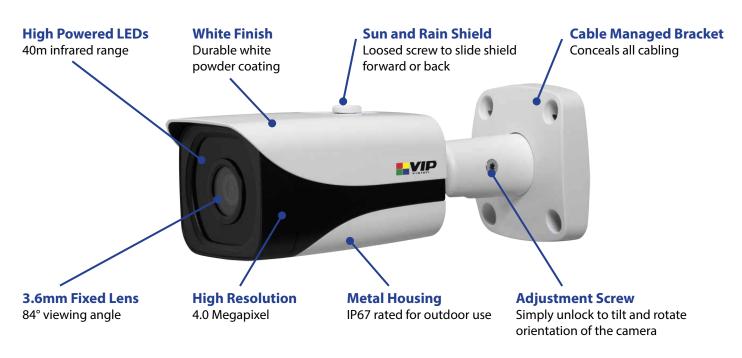






Professional surveillance in a simplified package.

When installing the mini bullet, simply loosen the adjustment locking screw to tilt and rotate the orientation of the camera to suit your application.





Large functionality on a small scale.

With only a 70mm profile, this weather resistant mini bullet still accomodates these intelligent features.

- Supports triple stream and smart detection technologies
- Power via 12VDC or Power over Ethernet (802.3af)

High resolution, high quality images every time.

Intelligent video processing enables perfect images in all conditions.

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 3.6mm fixed lens with 84° viewing angle
- Day/night (auto ICR) with 40m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation



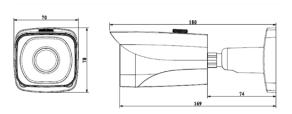


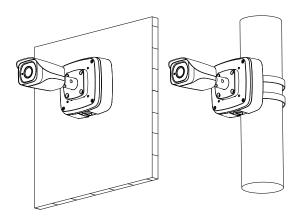
Robust, stylish construction for all applications.

Encased with a weather resistant metal housing and adjustable metal bracket, this mini bullet can be used for indoor or outdoor applications. The white powder coating softens the aesthetics to compliment your home decor.



Product Image Weather Resistant Bullet Image Sensor 1/3*4.0MP Progressive Scan CMOS Effective Pixels Sold Statio Sold Statio Sold Statio Sold Statio Sold Statio Sold Statio Sold Station Day/Night Auto / Manual Infrared Range Auto / Manual Noise Reduction Gene Rate Main 4.00P (1/250 x 1440) to CIF (352 x 288) Resolution Autor / Manual Noise Reduction Gene Rate Sold Main 4.00PI (-250 x 1440) to CIF (352 x 288) <		Model		VSIP4MPFBMINIIR	
Image Sensor 1/3" 4.0MP Progressive Scan CMOS Effective Pixels 2688 (H) x 1520 (V) Signal Noise Ratio > 504B Lens 3.6mm F2.1 Fixed Lens Angle of View 84° Minimum Illumination 0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/1000os) Day/Night Auto (ICR) / Colour / 8&W Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Main Sub D and lower (1~25fps) Third 720p and lower (1~25fps WDR on) / (1~18fps WDR off) Video Compression H.264 + H.264B / H.264H / MJPEG Bit Rate H.264 + 24B / H.264H / MJPEG Bit Rate N/A Audio Compression N/A Alarun Interface N/A Network Interface R/A5 (10/100 Base-T) <	General	Product Image		L VID	
Effective Pixels 2688 (H) x 1520 (V) Signal Noise Ratio > 50dB Lens 3.6mm F2.1 Fixed Lens Angle of View 84° Minimum Illumination 0.01 Lux at F2.1 (Colour / O Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0Mm Video Compression Backlight / Highlight / True WDR (120dB) Bit Rate Diard 200 poil of 100 Col (2550 x 1440) to ClF (352 x 288) ONVIF Conformact ONVIF poils WDR onf (1~18fps WDR off) Video Compression N/A Audio Input N/A Audio Compression N/A Nulte Conformact		Camera Style		Weather Resistant Bullet	
Signal Noise Ratio > 50dB Lens 3.6mm F2.1 Fixed Lens Angle of View 84° Minimum Illumination 0.01 Lux at F2.1 (Colour/ 0 Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/1000s) Day/Night Auto / Manual Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560x 1440) to Elf (352 x 288) Frame Rate Backlight / Highlight / Highlight / True WDR (1~25fps) Frame Rate Sub Video Compression H.264 / H.264H / M.264H / MJPEG Bit Rate H.264 / H.264H / M.264H / MJPEG Video Compression N/A Audio Compression N/A Alarm Interface RJA5 (10/100 Base-T) N/A N/A		Image Sensor		1/3" 4.0MP Progressive Scan CMOS	
Lens 3.6mm F2.1 Fixed Lens Angle of View 84° Angle of View 84° Minimum Illumination 0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual (1/3 ~ 1/10000s) Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Sub D1 and lower (1~25fps) Frame Rate Sub D1 and lower (1~25fps) Video Compression H.264 / H.264B / H.264B / H.264H / MJPEG Bit Rate H.264 / H.264B / H.264H / MAPEG Bit Rate N/A Audio Input N/A Audio Input N/A Alarn Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions		Effective Pixels		2688 (H) x 1520 (V)	
Angle of View 84° Minimum Illumination 0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual Infrared Range Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Sub D and lower (1~25fps) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate H.264 / H.264B / H.264H / MJPEG Video Congression N/A Audio Input N/A Audio Compression N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A		Signal Noise Rat	tio	> 50dB	
Operation Minimum Illumination 0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on) Electronic Shutter Auto / Manual (1/3 ~ 1/10000s) Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual (1/3 ~ 1/10000s) Auto / Manual Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main Sub D1 and lower (1~25fps) Third 720p and lower (1~25fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate US60 / H.264B / H.264H / MJPEG ONVIF Conformarce ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Network Interface N/A N/A N/A Nover Input 12VDC / PoE (802.3af) </th <th></th> <th colspan="2">Lens</th> <th>3.6mm F2.1 Fixed Lens</th>		Lens		3.6mm F2.1 Fixed Lens	
Belectronic Shutter Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual (1/3 ~ 1/10000s) Day/Night Auto / Manual (1/3 ~ 1/10000s) Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.00M (2560 x 1440) to CIF (352 x 288) Resolution Main 4.00MP (2560 x 1440) to CIF (352 x 288) Resolution Auto / Manual Video Compression Main 4.00MP (2560 x 1440) to CIF (352 x 288) Video Compression Main 4.00MP (2560 x 1440) to CIF (352 x 288) Video Compression Main 4.00MP (2560 x 1440) to CIF (352 x 288) Video Compression MA Video Compression MA Video Compression <th colsp<="" th=""><th></th><th colspan="2">Angle of View</th><th>84°</th></th>	<th></th> <th colspan="2">Angle of View</th> <th>84°</th>		Angle of View		84°
Day/Night Auto (ICR) / Colour / 8&W Infrared Range 40m White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Sub Sub D1 and lower (1 ~ 25fps) Third 720p and lower (1 ~ 25fps) Third 720p and lower (1 ~ 25fps WDR onf) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 0NVIF, Colformont) ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJA5 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Power Input 12VDC / PoE (802.3af) Power Input 12VDC / PoE (802.3af) Power Input 12VDC / PoE (802.3af) Power Input 0.40kg		Minimum Illumination		0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on)	
White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main Sub D1 and lower (1~25fps) Third 720p and lower (1~2fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformace ONVIF Conformace ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Andal Resistart N/A Power Input N/A Power Input Power Input Onstruction Full Metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg	Camera	Electronic Shutter		Auto / Manual (1/3 ~ 1/10000s)	
White Balance Auto / Manual Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main Sub D1 and lower (1~25fps) Third 720p and lower (1~2fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformace ONVIF Conformace ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Andal Resistart N/A Power Input N/A Power Input Power Input Onstruction Full Metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg		Day/Night		Auto (ICR) / Colour / B&W	
Noise Reduction 3D Digital Noise Reduction Gain Control Auto / Manual Lighting Compentation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main Sub D1 and lower (1~25fps) Third 720p and lower (1~25fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate MAIN ONVIF Conformator ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJ45 (10/100 Base-T) Network Interface RJ45 (10/100 Base-T) Network Interface N/A N/A N/A Network Interface N/A Video Output N/A N/A N/A Network Interface RJ45 (10/100 Base-T) Video Output N/A N/A N/A N/A N/A Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N		Infrared Range		40m	
Gain Control Auto / Manual Lighting Compensation Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Resolution 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Sub D1 and lower (1~25fps) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 9000 N/A Audio Input 0NVIF Conformator ONVIF, CGI Audio Compression N/A N/A Audio Compression N/A N/A Audio Compression N/A N/A Network Interface Face Detection (Optional: Tripwire, Intrusion, Scene Change) N/A Video Output Face Detection (Optional: Tripwire, Intrusion, Scene Change) N/A Video Output IP67 N/A Power Input IP67 N/A Power Consumption < 6W Construction KeW Power Consumption C 6W Construction IB0 × 70 x 70 mm Weight U 0.40kg U/A0kg		White Balance		Auto / Manual	
Backlight / Highlight / True WDR (120dB) Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Frame Rate Main 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Sub D 1 and lower (1~25fps) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output Ingress Protection IP67 Vandal Resistant N/A Power Input IP67 Power Consumption < 6W Constructions Full metal enclosure Dimensions 180 x 70 x 70 xm Weight 0.40kg		Noise Reduction		3D Digital Noise Reduction	
Resolution 4.0MP (2560 x 1440) to CIF (352 x 288) Main 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Sub D1 and lower (1~25fps) Third 720p and lower (1~5fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformance ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W		Gain Control		Auto / Manual	
Main 4.0MP (1~20fps) / 3.0MP and lower (1~25fps) Frame Rate Sub D1 and lower (1~25fps) Third 720p and lower (1~25fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformance ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Audio Compression N/A Alarm Interface N/A Network Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg		Lighting Compensation		Backlight / Highlight / True WDR (120dB)	
Sub D1 and lower (1 ~ 25fps) Third 720p and lower (1~25fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate 0NVIF Conformate ONVIF Conformate ONVIF, PSIA, CGI Audio Compression N/A Audio Compression N/A Audio Compression N/A Network Interface RJ45 (10/100 Base-T) Memory Slot Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Power Input N/A Power Consumption < 6W		Resolution		4.0MP (2560 x 1440) to CIF (352 x 288)	
Third T20p and lower (1~5fps WDR on) / (1~18fps WDR off) Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate H.264 / H.264B / H.264H / MJPEG ONVIF Conformance ONVIF, SIA, CGI Audio Input N/A Audio Compression N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W			Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)	
Video Compression H.264 / H.264B / H.264H / MJPEG Bit Rate H.264: 32Kbps ~ 10Mbps ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W	õ	Frame Rate	Sub	D1 and lower (1 ~ 25fps)	
Bit Rate H.264: 32Kbps ~ 10Mbps ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Audio Compression N/A Alarm Interface N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W	Vide		Third	720p and lower (1~5fps WDR on) / (1~18fps WDR off)	
ONVIF Conformance ONVIF, PSIA, CGI Audio Input N/A Audio Compression N/A Alarm Interface N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W		Video Compression		H.264 / H.264B / H.264H / MJPEG	
Audio Input N/A Audio Compression N/A Audio Compression N/A Alarm Interface N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W				H.264: 32Kbps ~ 10Mbps	
Audio Compression N/A Alarm Interface N/A Alarm Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W		ONVIF Conformance		ONVIF, PSIA, CGI	
Performance N/A Network Interface RJ45 (10/100 Base-T) Memory Slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W				N/A	
Methody slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg		Audio Compression			
Methody slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg	Interface	Alarm Interface		N/A	
Methody slot N/A Smart Functions Face Detection (Optional: Tripwire, Intrusion, Scene Change) Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg				. ,	
Video Output N/A Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg		Memory Slot			
Ingress Protection IP67 Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W				· · · · ·	
Vandal Resistant N/A Power Input 12VDC / PoE (802.3af) Power Consumption < 6W		•			
Power Input 12VDC / PoE (802.3af) Power Consumption < 6W Construction Full metal enclosure Dimensions 180 x 70 x 70mm Weight 0.40kg	nental	5			
Weight 0.40kg					
Weight 0.40kg					
Weight 0.40kg	mu		otion		
Weight 0.40kg	vird			· ·	
	E				
-40 to 60°C / BH95% (max)		y			
		Operating Environment		-40 to 60°C / RH95% (max)	







Wall Mount: VSBKTA121





Pole Mount: VSBKTA121/VSBKTA152