

## WNL-5028BF

### 5.0 Megapixel Network Bullet IR Camera

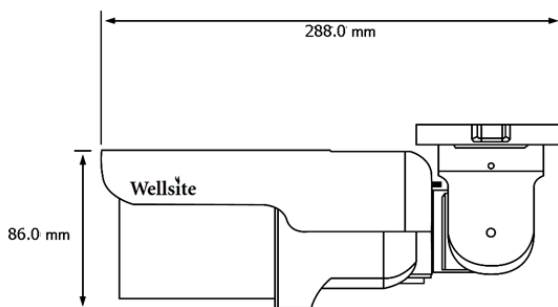
### Technical Specification



### Key Features

- ▶ 5.0MP 1/2.9" SONY Progressive CMOS Sensor
- ▶ Support H.265, H.264, MJPEG Compression
- ▶ Max 12fps@5MP (2560x1920)
- ▶ Support Day/Night (ICR), 3D-DNR, AWB, AGC
- ▶ Support Wide Dynamic Range up to 100dB
- ▶ IR LED: 4pcs x  $\Phi$ 28mm.
- ▶ IR range: 30Meter
- ▶ 2.8 ~ 12mm. @F1.4 Varifocal Motorized Lens
- ▶ Support browsers: Microsoft Internet Explorer 6.0 or higher version
- ▶ Support iPhone, iPad, Android
- ▶ Support Triple streams
- ▶ Support Micro SD Slot
- ▶ Support several servers, IP address, DDNS, FTP and SMTP
- ▶ Complete SDK function easy to integrate with Other application
- ▶ Support Ingress Protection IP66
- ▶ Dimensions: 288(L) x 79(W) x 86(H)mm.
- ▶ Weight: 0.98Kg.

### Dimensions



Model	WNL-5028BF	
<b>Camera</b>		
<b>Image Sensor</b>	5.0MP 1/2.9" SONY Progressive CMOS Sensor	
<b>Effective Pixels</b>	2560(H) $\times$ 1920(V)	
<b>Operation System</b>	Embedded Linux	
<b>Electronic Shutter</b>	Auto, 1/5s ~ 1/50,000s	
<b>Min. Illumination</b>	0.02Lux @(F1.2 AGC ON), 0.001Lux with IR ON	
<b>S/N Ratio</b>	More than 50dB	
<b>Video Output</b>	Network	
<b>Camera Features</b>		
<b>Infrared LED</b>	4pcs $\Phi$ 28mm. IR LED	
<b>Max. IR LEDs Length</b>	30 Meter	
<b>Day/Night</b>	Auto dual IR-Cut filter	
<b>Backlight</b>	BLC/ WDR (100dB)	
<b>White Balance</b>	Auto/ Manual	
<b>Gain Control</b>	Auto/ Manual	
<b>Noise Reduction</b>	3D-NR	
<b>Ultra Defog</b>	Support	
<b>Image Configure</b>	Saturation, Brightness, Contrast, Sharpness, Mirror, 3D NR, White Balance, BLC, FLK ( Flicker Control )	
<b>Lens</b>		
<b>Focal Length</b>	2.8 ~ 12mm. Varifocal lens	
<b>Max Aperture</b>	F1.4	
<b>Focus Control</b>	Auto/ Manual Control	
<b>Lens Type</b>	Motorized/ Auto Iris (DC) <input type="checkbox"/>	
<b>Mount Type</b>	Board-in Type	
<b>Video</b>		
<b>Video Compression</b>	H.265/H.264 Base line/Main Profile/High profile/MJPEG	
<b>Video Resolution</b>	5M (2536 $\times$ 1920)/ 3M (2048 $\times$ 1536)/ 1080P (1920 $\times$ 1080)/ 720P (1280 $\times$ 720)/ D1 (704 $\times$ 576)/ CIF (352 $\times$ 288)	
<b>Frame Rate</b>	<b>Main</b>	5M (1~12fps)/ 3M (1~20fps)
	<b>Sub</b>	1080P/ 720P (1~25/30fps)
	<b>Third</b>	D1/ CIF (1~ 25/30fps)
<b>Video Bit Rate</b>	32Kbps ~ 8192Kbps Supports CBR/ VBR	
<b>Video Format</b>	PAL/ NTSC	
<b>ROI</b>	Up to 8 areas	
<b>Privacy Masking</b>	Up to 4 areas	
<b>Analog Video Input</b>	1Vp-p Composite Output (75 $\Omega$ /BNC)	
<b>Audio</b>		
<b>Audio Compression</b>	G.711a(8kbps)/ G.711u(8kbps)	
<b>Audio Input</b>	1-channel 3.5mm audio interface MIC IN/Line IN	
<b>Audio Output</b>	1-channel 3.5mm audio interface (line level, 600 $\Omega$ ) <input type="checkbox"/>	
<b>Network</b>		
<b>Ethernet</b>	1 RJ45 Ethernet interface, 10/100M adaptation	
<b>Protocol</b>	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1X	
<b>Compatibility</b>	ONVIF V2.42, CGI API	
<b>Max. User Access</b>	10 users	
<b>Smart Phone</b>	iPhone, iPad, Android	
<b>Auxiliary Interface</b>		
<b>Memory Slot</b>	Micro SD, Max 64GB	
<b>Alarm Input</b>	1-channel input, Normally Open/ Normally Close	
<b>Alarm Output</b>	1-channel output, 120VAC 1A/ 24VDC 1A	
<b>RS485</b>	Yes (Half-duplex)	
<b>Motion Detection</b>	Support	
<b>Reset Input</b>	One Reset Button (Hold on 3 seconds at least) <input type="checkbox"/>	
<b>General</b>		
<b>Power Supply</b>	DC12V, 1000mA, PoE (802.3af)	
<b>Power Consumption</b>	<10W (IR on: +2W)	
<b>Working Environment</b>	-40 $^{\circ}$ C ~ +60 $^{\circ}$ C	
<b>Environment</b>	Less than 95%RH (no condensation)	
<b>Ingress Protection</b>	IP66 Protection	
<b>Vandal Resistance</b>	IK10	
<b>Dimensions</b>	288mm x 79mm x 86mm	
<b>Weight</b>	0.98Kg	