

# 4 Megapixel IR Bullet Camera

- ONVIF Compliance



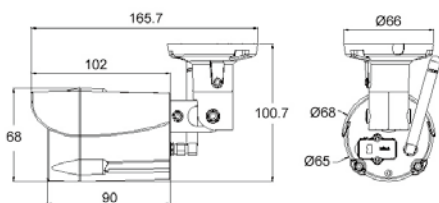
ONVIF

4 Megapixel IP Camera

## Key Features

- 4 Megapixel IR Bullet Real Time IP Camera
- Digital Noise Reduction
- Power over Ethernet
- Digital Wide Dynamic Range
- Day & Night with ICR
- IR LED Built-in 20M
- IR Cut Filter Mechanism
- H.264/ M-JPEG Compression
- SMART IR intensity adjustment
- Micro SD Card Backup
- IP66
- Cable Management
- Support iPhone/Android/Mac
- SDK for Software Integration
- Support Maxi-Watch Professional IP software
- Free Bundle Maxiwatch Lite 64 Channel Recording Software provided
- ONVIF Compliance
- Support Peer To Peer (P2P)
- Push Video Notification To Android and iphone

## Mechanical Dimension



## Technical Specifications

Model		TCP-BF428		
Hardware	CPU	Multimedia SoC		
	RAM	512MB		
	Flash	32MB		
	Image Sensor	1 / 3" Megapixel CMOS Sensor		
	Lens Type	3.6mm @ F2.1		
	Angle of View	Horizontal: 78.54° Vertical: 45.43°		
	Minimum Illumination	Color: 0.15 Lux (AGC ON) B/W: 0.08 Lux (AGC ON)		
	Day / Night	Mechanism IR cut Filter		
	Video Output	N/A		
	IR LED	28 Units 850nm		
	IR Distance	20M		
	Alarm	N/A		
	BLC	Auto		
	AGC	X8, x12, x16, x24, x32, x48, x64		
	Video	Shutter Speed	Outdoor, Indoor, 1/30 – 1/10000	
D-WDR		Adjust by Level		
Sense up		1/5, 1/10, 1/15, 1/30		
IR Intensity		Far , Middle , Near		
Denoise 2D		Adjust by Level		
SD Card		Micro SD card slot		
Image Compression		H.264	2688x1520@30fps, 1920x1080@30fps, 1280x720@30fps, 640x360@30fps, 2048x1536@30fps, 1600x1200@30fps, 1280x960@30fps, 800x600@30fps, 640x480@30fps, 320x240@30fps	
		MJPEG		
Triple Streaming		Yes		
Video Adjust		Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Night Mode, WDR, Flip, Mirror, Noise Reduction, Day&Night Adjustable		
Image Snapshot		Yes		
Privacy Masking		Yes		
Video Bit Rate Adjust		Yes, adjust by bitrates		
Motion Detection		Yes, 3 different areas		
Sensor Detection		Yes		
Tampering Detection	Motion, Camera Occlusion, Strong light, Lost focus			
Triggered Action	Mail, FTP server, Save to SD card, relay out , SAMBA			
After event process	JPEG image upload to over FTP, SMTP(email server)			
Pre/Post Alarm	Pre alarm 5 sec / Post alarm 10 sec			
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP			
Simultaneous Connection	10 users			
Mobile Viewer	iPhone / Android App			
Audio	Audio Streaming	N/A		
	Audio Compression	N/A		
	Audio input	N/A		
	Audio output	N/A		
Network	Ethernet	10/100 Base-T RJ45		
	Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTP/TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour		
Software	Viewing System Requirements	Browser IE 7.0 or above, Firefox 3.0 / Safari / Opera, Google Chrome		
	SDK	Yes		
	Video Management Software	MaxiWatch Lite 64ch		
Mechanical	Waterproof	IP66		
	Operating Temperature	-20°C ~ 60°C		
	Humidity	20% ~ 80%		
	Weight	550g		
	Dimensions	68mm (Ø) x 102mm (H)		
Power	DC 12V Max: 4.68W(IR ON); 3.12W(IR OFF) PoE Max: 6.24W(IR ON); 4.32W(IR OFF)			

• Specifications are subjected to change without prior notice.