



 SPECIFICATION

Model NO.	ITM-BH30SS200W	ITM-BH30S400W
Camera		
Image Sensor	IMX323	OV4689
Main processor	Hi3516CV300	HI3516D
Resolution	1080P	4MP
Effective Pixels	1985(H)*1105(V)	2688(H)*1520(V)
Compression	H.264/H.265/JPEG/AVI/MJPEG	H.264/H.265/JPEG/AVI/MJPEG
TV System	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
SD Card	NO	NO
Video Output	Network	Network
LENS Type		
Focus Length	Board Lens 3.6mm/F2.0	Board Lens 3.6mm/F2.0
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	3MP	4MP
Night Vision		
Infrared LED	42μx 2PCS	42μx 2PCS
Infrared Distance	30M	30M
IR Status	Under 10 Lux By CDS	Under 10 Lux By CDS
IR Power On	CDS Auto Control	CDS Auto Control
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Optional, Support IEEE 802.3af	
WIFI	Support, WIFI Range: No obstacles 150m Max.	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	1920*1080@25fps	2560*1440@20fps
Main Stream 2	/	2304*1296@30fps
Main Stream 3	/	1920*1080@30fps
Sub Stream 1	720*480@25fps	720*480@20fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
Tri Stream	352*288@25fps	352*288@20fps 352*288@30fps
IE Brower	IE8-11, Google Chrome, Firefox, Safari, Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		
Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Corridor Pattern	Support	
Defog Mode	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/NAS/CMS/Web	
Language	English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands	
General		
Housing	Metal, IP66	
Anti-cut Bracket	3-Axis	
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 500mA	
Dimension	157(W) x 70(H) x 66(D)mm	
Weight	650g	



 SPECIFICATION

Model NO.	ITM-BB60SS200W	ITM-BB60S400W
Camera		
Image Sensor	IMX323	OV4689
Main processor	Hi3516CV300	HI3516D
Resolution	1080P	4MP
Effective Pixels	1985(H)*1105(V)	2688(H)*1520(V)
Compression	H.264/H.265/JPEG/AVI/MJPEG	H.264/H.265/JPEG/AVI/MJPEG
TV System	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
SD Card	support 128G Micro SD	support 128G Micro SD
Video Output	Network	Network
LENS Type		
Focus Length	Board Lens 6mm	Board Lens 6mm
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	3Mp	4Mp
Night Vision		
Infrared LED	42μx 4PCS	42μx 4PCS
Infrared Distance	40M	40M
IR Status	Under 10 Lux By CDS	Under 10 Lux By CDS
IR Power On	CDS Auto Control	CDS Auto Control
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Optional, Support IEEE 802.3af	
WIFI	Support, WIFI Range: No obstacles 150m Max.	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	1920*1080@25fps	2560*1440@20fps
Main Stream 2	/	2304*1296@30fps
Main Stream 3	/	1920*1080@30fps
Sub Stream 1	720*480@25fps	720*480@20fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
Tri Stream	352*288@25fps	352*288@20fps 352*288@30fps
IE Brower	IE8-11, Google Chrome, Firefox, Safari, Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		
Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Corridor Pattern	Support	
Defog Mode	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/NAS/CMS/Web	
Language	English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands	
General		
Housing	Metal, IP66	
Anti-cut Bracket	Optional braket	
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 1000mA	
Dimension	249(W) x 156(H) x 109(D)mm	
Weight	2.1kg	



 SPECIFICATION

Model NO.	ITM-BB90SS200W	ITM-BB90S400W
Camera		
Image Sensor	IMX323	OV4689
Main processor	Hi3516CV300	HI3516D
Resolution	1080P	4MP
Effective Pixels	1985(H)*1105(V)	2688(H)*1520(V)
Compression	H.264/H.265/JPEG/AVI/MJPEG	H.264/H.265/JPEG/AVI/MJPEG
TV System	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
SD Card	support 128G Micro SD	support 128G Micro SD
Video Output	Network	Network
LENS Type		
Focus Length	Board Lens 8mm	Board Lens 8mm
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	3Mp	4Mp
Night Vision		
Infrared LED	42μx 6PCS	42μx 6PCS
Infrared Distance	60M	60M
IR Status	Under 10 Lux By CDS	Under 10 Lux By CDS
IR Power On	CDS Auto Control	CDS Auto Control
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Optional, Support IEEE 802.3af	
WIFI	Support, WIFI Range: No obstacles 150m Max.	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	1920*1080@25fps	2560*1440@20fps
Main Stream 2	/	2304*1296@30fps
Main Stream 3	/	1920*1080@30fps
Sub Stream 1	720*480@25fps	720*480@20fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
Tri Stream	352*288@25fps	352*288@20fps 352*288@30fps
IE Brower	IE8-11, Google Chrome, Firefox, Safari, Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		
Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Corridor Pattern	Support	
Defog Mode	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/NAS/CMS/Web	
Language	English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands	
General		
Housing	Metal, IP66	
Anti-cut Bracket	Optional braket	
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 1000mA	
Dimension	249(W) x 156(H) x 109(D)mm	
Weight	2.1kg	



 SPECIFICATION

Model NO.	ITM-IV60SS200W	ITM-IV60S400W
Camera		
Image Sensor	IMX323	OV4689
Main processor	Hi3516CV300	HI3516D
Resolution	1080P	4MP
Effective Pixels	1985(H)*1105(V)	2688(H)*1520(V)
Compression	H.264/H.265/JPEG/AVI/MJPEG	H.264/H.265/JPEG/AVI/MJPEG
TV System	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
SD Card	support 128G Micro SD	support 128G Micro SD
Video Output	Network	Network
LENS Type		
Focus Length	Board Lens 8mm	Board Lens 8mm
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	3Mp	4Mp
Night Vision		
Infrared LED	42μx 4PCS	42μx 4PCS
Infrared Distance	40M	40M
IR Status	Under 10 Lux By CDS	Under 10 Lux By CDS
IR Power On	CDS Auto Control	CDS Auto Control
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Optional, Support IEEE 802.3af	
WIFI	Support, WIFI Range: No obstacles 150m Max.	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	1920*1080@25fps	2560*1440@20fps
Main Stream 2	/	2304*1296@30fps
Main Stream 3	/	1920*1080@30fps
Sub Stream 1	720*480@25fps	720*480@20fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
Tri Stream	352*288@25fps	352*288@20fps 352*288@30fps
IE Brower	IE8-11, Google Chrome, Firefox, Safari, Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		
Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Corridor Pattern	Support	
Defog Mode	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/NAS/CMS/Web	
Language	English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands	
General		
Housing	Metal, IP66	
Anti-cut Bracket	3-Axis	
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 1000mA	
Dimension	220(W) x 80(H) x 80(D)mm	
Weight	1.4kg	



 SPECIFICATION

Model NO.	ITM-IV90SS200W	ITM-IV90S400W
Camera		
Image Sensor	IMX323	OV4689
Main processor	Hi3516CV300	HI3516D
Resolution	1080P	4MP
Effective Pixels	1985(H)*1105(V)	2688(H)*1520(V)
Compression	H.264/H.265/JPEG/AVI/MJPEG	H.264/H.265/JPEG/AVI/MJPEG
TV System	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
SD Card	support 128G Micro SD	support 128G Micro SD
Video Output	Network	Network
LENS Type		
Focus Length	Board Lens 8mm	Board Lens 8mm
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	3Mp	4Mp
Night Vision		
Infrared LED	42μx 6PCS	42μx 6PCS
Infrared Distance	60M	60M
IR Status	Under 10 Lux By CDS	Under 10 Lux By CDS
IR Power On	CDS Auto Control	CDS Auto Control
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Optional, Support IEEE 802.3af	
WIFI	Support, WIFI Range: No obstacles 150m Max.	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	1920*1080@25fps	2560*1440@20fps
Main Stream 2	/	2304*1296@30fps
Main Stream 3	/	1920*1080@30fps
Sub Stream 1	720*480@25fps	720*480@20fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
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IE Brower	IE8-11, Google Chrome, Firefox, Safari, Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		
Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Corridor Pattern	Support	
Defog Mode	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/NAS/CMS/Web	
Language	English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands	
General		
Housing	Metal, IP66	
Anti-cut Bracket	3-Axis	
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 1000mA	
Dimension	220(W) x 80(H) x 80(D)mm	
Weight	1.4kg	