

Image sensor	1,3 MP, Color, 1/3" SONY Exmor, Day/Night
Sensitivity	0.01 lux (Color) / 0.003 lux (B/W) / 0 lux (IR LEDs - ON)
Lens	3.7 mm, F2.0
Field of view	76° (horizontal), 58° (vertical),
Field of view adjustment	-45 ~ 45°
Minimum working distance	0.2m
Zoom	Digital, via the web-interface
WDR	Digital, 3 precets
Noise reduction	2D/3DNR (level adjustment), SmartNR
Shutter time	1/25 ~ 1/8000 s (Auto, maximum value setting)
S/N ratio	Min. 50 dB
Antiflicker	Antiflicker 50, 60 Hz
Ringing tone patterns	Set by the user
Other features	ICR, progressive scan
Video	
Compression	H.264 BP/MP, Motion JPEG
Video streaming	Dual codec, individually configurable streams: H.264/MJPEG, H.264/H.264, MJPEG/MJPEG
Resolution	Main stream: 1280x1024 (SXGA), 1280x720 (HD) Additional stream: 720x576, 640x360, 320x184
Framerate	Up to 25 fps in all resolutions
Bitrate	32 kbps ~ 16 Mbps
Image settings	Brightness, contrast, sharpness, saturation, exposure, color, hue, quality, rotation, flip, mirror, AGC, white balance, exposure (value setting, AGC settings)
Subtitles	Text, date, time, bitrate, fps, number of connections
Audio	
Audio output	Built-in speaker
Audio input	Built-in microphone
Compression	G.711 (a-law, u-law), G.726
Other features	Duplex
Illumination	
IR illumination	IR LED (3rd generation, 1 pcs)
Control	Auto ON/OFF
Operating mode	By IR sensor, by video viewing, continuous
Wavelength	850 nm

IR distance	Up to 10 m
Network & Interfaces	
Network interface	10Base-T/100Base-TX Ethernet
Protocols	TCP/IP, SIP v.2.0, VPN, HTTP, HTTPS, FTP, SMTP, DDNS, DHCP, PPPoE, RTP, RTSP, UDP, NTP, ONVIF v.2.41, Modbus TCP
Alarm output	1 channel (NO mode)
Open lock duration	0 ~ 10 s
Connection	DHCP, static IP address
Users	Up to 3 accounts
Other features	MicroSDHC (4 GB)
SIP	
The number of SIP-accounts	2
SIP-call subs	Up to 5
DTMF modes	RFC2833, SIP INFO, in-band
Recording & events	
Events	Motion detection, network failure, call button pressing
Motion detection	Build-in video motion detector, up to 4 detection zones (sensitivity adjustment)
E-mail notification	At events: Images
FTP, memory card	At events: Images, video
Operation	
Power	12 V 0.5 A (DC)
Power consumption	Max. 5 W
Commutation current	Up to 1 A (1A, 1V contacts)
Operating temperature	-40°C ~ +50°C
Ingress protection	IP54
Housing	Vandal resistant
Hosing materail	Metal
Dimensions	73x166x51 mm
Weight	570 g
Color	Black (mat), gray «Metallic» (optional)
Control	Beward Intercom professional software (included)
System requirements	Microsoft Internet Explorer 9.0 Windows 8/7/Vista, IOS 6.0-9, Android 4.0 later