



BT53



Model	BT53
Product Type	Dome
Maximum Resolution	3MP
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Day / Night	Yes
Low Light Sensitivity	Standard
Auto White Balance	Automatic
Minimum Illumination	Colour: 0.1 lux, B/W: 0 lux (IR LED on) at F2.8
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	40m
Lens	Fixed focal, f1.9mm / F2.8, Fixed iris, Fixed focus
Viewing Angle Adjustment	Pan: 0°-350°, Tilt: 17°-163°, Rotate: 0°-350°
Lens Mount	Board motorised lens
Horizontal Viewing Angle	129.56° (overview area), 79.0° (high detail area)
Compression	H.264 (Baseline/ Main/ High profile), MJPEG, MPEG4
Maximum Frame Rate vs. Resolution	20 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 15 fps at 320 x 240
Horizontal Resolution (TV lines)	1450 TVL
Multi-Streaming	Triple streams
Remote Focus	Smart Focus
Video Motion Detection	3 regions
Privacy Mask	4 configurable regions
Wide Dynamic Range	Superior WDR (110 dB)
Digital Noise Reduction	DNR
S/N Ratio	52 dB
Audio	2-way (Line-in, Line-out)
Network Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour

Network Connector	RJ-45
Digital Input/Output	1/1
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
Power Source	DC 12V; PoE Class 2
Environmental Casing	Vandal Resistant (IK09)
Bundled Accessories	No
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang Box
Software Based Analytics (require PC based Smart Search Tool, IVS Server or ALPR Server)	Face Detection, Motion Detection, Tamper, People Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Heat Map, License Plate Recognition, Speed Detection
Auto Firmware Upgrade	Yes
GPS Position	Manual setting
Client PC Operating System	Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP
PC Web Browser	IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime
ONVIF Compliant	Yes (Profile S, Profile G)
Packing Dimension (L x W x H)	19.7 x 19.7 x 17.9 (cm)
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Approvals	CE, FCC, IK09, UL (for optional PoE injector and power adapter), IP66 Weatherproof
Warranty	3 Years
Extended Warranty	2 Years