



B931

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Model	B931
Product Type	PTZ
Maximum Resolution	3MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Day / Night	Yes
Superior Low Light Sensitivity	Yes
Minimum Illumination	Color: 0.1 lux, B/W: 0.05 lux at F1.6
Mechanical IR Cut Filter	Yes
IR LED	No
Lens	Zoom, f4.5-135mm / F1.6-4.4, DC iris, Auto focus
Zoom Ratio	30x optical
Panning and Tilting Range	Pan: 0°-360° (with Auto-flip); Tilt: -20°-200°
Lens Mount	Board mount
Horizontal Viewing Angle	59.8°-2.34°
Compression	H.264 High Profile, MJPEG
Maximum Frame Rate vs. Resolution	3MP
Horizontal Resolution (TV lines)	1600 TVL
Multi-Streaming	Dual streams
Wide Dynamic Range	Advanced WDR (80 dB)
Digital Noise Reduction	2D+3D DNR
Digital Image Stabilizer	Digital Image Stabilizer
S/N Ratio	56 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
Pan, Tilt or Zoom protocol	Visca, Pelco-D, Pelco-P
Network Connector	RJ-45
Digital Input/Output	2/2
Local Storage	MicroSDHC/MicroSDXC memory card slot

Local Storage	(card not included)
Power Source	AC 24V; High PoE
Environmental Casing	Weatherproof (IP68); Vandal proof (IK10)
Bundled Accessories	Power adapter
Mbunt Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang Box
Built-in Analytics	Face Detection, Motion Detection, Tamper, People Counting, PTZ Auto Tracking
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
Client PC Operating System	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
ONMF Compliant	Yes
Heater	Yes
Fan	Yes
Starting Temperature	-40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Approvals	CE, FCC, IP68, NEMA4X, IK10
Warranty	3 Years* (3 Months in continuous motion)
Product Availability	ACTi : 2014.12.05 Distributor : 2015.01.05
MSRP (local, reference only)	Please contact our sales