## IT45





Model	IT45
Product Type	Zoom Bullet
Maximum Resolution	2MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.1 lux, B/W: 0 lux (IR LED on) at F1.6
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	40m
Lens	Zoom, f4.3-129mm / F1.6-5.0, DC iris, Auto focus
Zoom Ratio	30x optical
Zoom Application	Camera Installation; Auto Zoom by Event; Manual Operation
Lens Mount	Board mount
Horizontal Viewing Angle	65.6°-2.07°
Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	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)	1800 TVL
	1800 1 V E
Multi-Streaming	Dual streams
Multi-Streaming Video Motion Detection	
	Dual streams
Video Motion Detection	Dual streams 3 regions
Video Motion Detection Privacy Mask	Dual streams 3 regions 32 configurable regions
Video Motion Detection Privacy Mask Wide Dynamic Range	Dual streams 3 regions 32 configurable regions Extreme WDR (145 dB)
Video Motion Detection Privacy Mask Wide Dynamic Range Digital Noise Reduction	Dual streams 3 regions 32 configurable regions Extreme WDR (145 dB) 2D+3D DNR Digital Image Stabilizer (available with camera firmware v6.08 or
Video Motion Detection Privacy Mask Wide Dynamic Range Digital Noise Reduction Digital Image Stabilizer	Dual streams 3 regions 32 configurable regions Extreme WDR (145 dB) 2D+3D DNR Digital Image Stabilizer (available with camera firmware v6.08 or newer)

Forbidaen direction, Venicle Counting, Heat Map, License Plate Recognition, Speed Detection  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  Heater  Fan  No  -40°C ~ 50°C		
Network Connector Digital Input/Output Local Storage  NicroSDHC/MicroSDXC memory card stot (card not included) Power Source DC 12V; PoE Class 3 Weatherproof (IP67); Vandal proof metal casing (IK10) Bundled Accessories Mount Type  Wall, Ceiling, Pole, Gang Box Face Detection, Motion Detection, Tamper, People Counting, Line crossing, Enter area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Heat Map, License Plate Recognition, Speed Detection  GPS Position  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Safari with Quicktime  ONVIF Compliant  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H) Heater Fan  No  Starting Temperature  CP, For C, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter) Warranty Product Availability  Distributor: Now  Distributor: Now	Network Protocol & Service	PPPOE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP,
Network Connector Digital Input/Output Local Storage  NicroSDHC/MicroSDXC memory card stot (card not included) Power Source DC 12V; PoE Class 3 Weatherproof (IP67); Vandal proof metal casing (IK10) Bundled Accessories Mount Type  Wall, Ceiling, Pole, Gang Box Face Detection, Motion Detection, Tamper, People Counting, Line crossing, Enter area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Heat Map, License Plate Recognition, Speed Detection  GPS Position  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Safari with Quicktime  ONVIF Compliant  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H) Heater Fan  No  Starting Temperature  CP, For C, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter) Warranty Product Availability  Distributor: Now  Distributor: Now	Pan, Tilt or Zoom protocol	Visca, Pelco-D, Pelco-P
Digital Input/Output  Local Storage  MicroSDHC/MicroSDXC memory card stot (card not included)  Power Source  DC 12V: PDE Class 3  Weatherproof (IP67); Vandal proof metal casing (IK10)  Bundled Accessories  Mount Type  Wall, Celling, Pole, Gang Box 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, Healt Map, License Plate Recognition, Speed Detection  GPS Position  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  PC Web Browser  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  Approvals  Approvals  Warranty  Product Availability  Positributor: Now	·	
Local Storage  MicroSDHC/MicroSDXC memory card slot (card not included)  Power Source  Environmental Casing  Bundled Accessories  Mount Type  Software Based Analytics (require PC based Smart Search Tool, IVS Server or ALPR Server)  Server)  Server)  Client PC Operating System  Client PC Operating System  Client PC Web Browser  PC Web Browser  ONVIF Compliant  Packing Dimension (L x W x H)  Heater  Fan  Starting Temperature  DC 12V; PoE Class 3  Weatherproof (IP67); Vandal proof metal casing (IK10)  Integrated Bracket  Wed Methodology or of metal casing (IK10)  Integrated Bracket  Wall, Ceiling, Pole, Gang Box 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, Heatl Map, License Plate Recognition, Speed Detection  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  Posking Dimension (L x W x H)  Packing Dimension (L x W x H)  Heater  Yes  Fan  No  Starting Temperature  CP, Foot C, Foot C, P67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  Product Availability		
Card slot (card not included)	Biginal impoly Corpor	1/1
Environmental Casing  Bundled Accessories  Mount Type  Mount Type  Software Based Analytics (require PC based Smart Search Tool, IVS Server or ALPR Server)  GPS Position  Client PC Operating System  Client PC Operating System  Client PC Web Browser  ONVIF Compliant  ONVIF Compliant  ONVIF Compliant  Conversion Starting Temperature  Approvals  Conversion Server  Wall, Ceiling, Pole, Gang Box 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  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2008, Windows Vista, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  37 x 27.2 x 18.3 (cm)  Heater Fan  No  Starting Temperature  Approvals  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  ACTI: Now Distributor: Now  Distributor: Now	Local Storage	,
proof metal casing proof metal casing (IK10) Bundled Accessories Integrated Bracket  Mount Type Wall, Ceiling, Pole, Gang Box 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  GPS Position Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant Yes Fan  ONVIF Compliant Yes Fan  Starting Temperature  Approvals  Warranty  Product Availability  ACTI: Now Distributor: Now	Power Source	DC 12V; PoE Class 3
Mount Type  Wall, Ceiling, Pole, Gang Box 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  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows Vista, Windows Server 2003, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  Packing Dimension (L x W x H)  Heater Fan  Starting Temperature  Operating Temperature  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  Wall, Ceiling, Pole, Gang Box Face Detection, Motion Detection, Tamper, People Counting, Lee race, Exit area,	Environmental Casing	. , ,
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  GPS Position  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP  FC Web Browser  ONVIF Compliant  Packing Dimension (L x W x H)  Heater  Fan  Starting Temperature  Operating Temperature  Approvals  Face Detection, Motion Detection, Tamper, People Counting, Line crossing, Enter area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Heat Map, License Plate Recognition, Speed Detection  Manual setting  Windows 7, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  7 (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  37 x 27.2 x 18.3 (cm)  Heater  Fan  No  -40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK 10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  Product Availability	Bundled Accessories	Integrated Bracket
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  GPS Position  Manual setting  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  Heater Fan  No  Starting Temperature  40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  Approvals  Warranty  Product Availability  Detection, Tamper, People Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Line cross, Missing object, Unatended object, Crowd detection, Forbidden direction, Vehicle Counting, Line cross, Missing object, Unatended object, Crowd detection, Forbidden direction, Vehicle Counting, Line cross, Missing object, Unatended object, Crowd detection, Forbidden direction, Vehicle Counting, Line cross, Missing object, Crowd detection, Forbidden director, Vehicle Counting, Line cross, Missing object, Crowd detection, Forbidden director, Vehicle Counting, Line cross, Missing object, Crowd detection, Forbidden director, Vehicle Counting, Line cross, Missing object, Crowd detection Forbidden director, Vehicle Counting, Line cross, Missing object, Crowd detection, Forbidden director, Missing object, Crowd director, Mis	Mount Type	Wall, Ceiling, Pole, Gang Box
Client PC Operating System  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  7 x 27.2 x 18.3 (cm)  Heater  Yes  Fan  No  Starting Temperature  -40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  Operating Temperature  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  Nindows 8, Windows 7, Windows Vista, Windows XP  Exercise 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with	•	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
Client PC Operating System  Windows 8, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with VLC, Chrome with VLC, Safari with Quicktime  ONVIF Compliant  ONVIF Compliant  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  7 x 27.2 x 18.3 (cm)  Heater  Yes  Fan  No  Starting Temperature  -40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  Operating Temperature  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  Nindows 8, Windows 7, Windows Vista, Windows XP  Exercise 2008, Windows XP  IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with	GPS Position	Manual settina
PC Web Browser  VLC, Chrome with VLC, Safari with Quicktime  Yes (Profile S, Profile G available on new firmware v6.09)  Packing Dimension (L x W x H)  Heater  Yes  Fan  No  Starting Temperature  Operating Temperature  Approvals  Approvals  VLC, Chrome with VLC, Safari with Quicktime  Yes (Profile S, Profile G available on new firmware v6.09)  Available on new firmware v6.09)  Available on new firmware v6.09  Yes  -40°C ~ 50°C  (-40°F ~ 122°F) within 30 minutes  CE, FCC, IP67, NEMA 4X, IK10  (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  ACTi : Now Distributor : Now	Client PC Operating System	Windows 8, Windows 7, Windows Server 2008, Windows Vista,
Packing Dimension (L x W x H)  Heater  Fan  No  Starting Temperature  Operating Temperature  Approvals  Approvals  Product Availability  On new firmware v6.09)  37 x 27.2 x 18.3 (cm)  Yes  Yes  Yes  -40°C ~ 50°C  (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C  (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10  (metal casing), UL (for optional PoE injector and power adapter)  ACTi : Now Distributor : Now	PC Web Browser	VLC, Chrome with VLC, Safari with
Heater Fan No  Starting Temperature  Coperating Temperature  Approvals  Approvals  Warranty  Product Availability  Yes  No  No  Avor Since (-40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  ACTi: Now Distributor: Now	ONVIF Compliant	· ·
Heater Fan No  Starting Temperature  Coperating Temperature  Approvals  Approvals  Warranty  Product Availability  Yes  No  No  Avor Since (-40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  ACTi: Now Distributor: Now	Packina Dimension (L x W x H)	37 x 27.2 x 18.3 (cm)
Starting Temperature  -40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C (-40°F ~ 122°F)  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  9 Years  Product Availability  ACTi: Now Distributor: Now	·	
Starting Temperature  -40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes  -40°C ~ 50°C (-40°F ~ 122°F)  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  3 Years  ACTi : Now Distributor : Now		
Approvals  CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector and power adapter)  Warranty  Product Availability  3 Years  ACTi: Now Distributor: Now	Starting Temperature	-40°C ~ 50°C
Approvals (metal casing), UL (for optional PoE injector and power adapter)  Warranty 3 Years  Product Availability ACTi : Now Distributor : Now	Operating Temperature	
Product Availability  ACTi : Now Distributor : Now	Approvals	(metal casing), UL (for optional
Product Availability  ACTi : Now Distributor : Now	Warranty	3 Years
	·	ACTi : Now
	Customer Price	