



2 Megapixel Full HD extreme backlight and low light, IP dome camera with IR Led

- · Motorized Vario Focal lens (Zoom & Focus), DC Iris
- · Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- · 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- · WDR (Wide Dynamic Range) for extreme backlight situations
- H.264 compression mode (30/25 fps max)
- · Embedded analytics: face detection, audio detection, advanced motion, tampering

Summary

Smart IP is the latest concept that brings intelligence, efficiency, and convenience to modern video surveillance. Enriched with Smart technologies, Hikvision's new Smart IP cameras are all specifically designed to deliver smart security in the modern marketplace. Representing this concept is Hikvision's 4-line Smart IP Camera Series. Meeting all bandwidth and storage utilization requirements, this series offers unparalleled image quality and customer convenience.

4000 series are also equipped with Embedded analytics for indoor use, such as: face detection, tripwire, smart motion detection, tampering, network failure and audio detection.





Col/B Auto, IR-cut filter removable (ICR) Sensitivity Colour 0.007 lux @ F1.4 Sensitivity B/W 0 Lux LED IR on Lens Focal Length 2.8 ~ 12 mm Horizontal Viewing Angle 113° (Wide) ~ 33.8° (Tele) Focus Adjustment Motorized BLC Back Light On/Off + WDR AGC Adjustable WDR 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Intelligent Video Analytics Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression Retwork Streaming TCP, IDP (Unicast, Multicast) TCP/IP, ICMP + HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPE, NTP, UPP, SNMP, IGMP, 802.1x, QeS, IPv4-V6, Bonjour, ONVIF, PSIA, CGI Video Resolution Streaming Multiple streaming (Up to 3 profiles)	Technical Specifications	
Sensitivity Colour 0.007 lux @ F1.4 Sensitivity B/W 0 Lux LED IR on Lens Focal Length 2.8 ~ 12 mm Horizontal Viewing Angle 113° (Wide) ~ 33.8° (Tele) Focus Adjustment Motorized BLC Back Light On/Off + WDR AGC Adjustable WDR 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable lent software or web browser Intelligent Video Analytics Repaired, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflict storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG- 4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SNMP, IGMP, 802.1x, QoS, IPV4W6, Bonjour, ONVIF, PSIA, CGIS, USO, Streaming Multiple streaming (Up to 3 profiles) Streaming Multiple streaming (Up to 3 profiles)	Image Sensor	1/2.8" Progressive Scan CMOS, 2 Megapixels
Sensitivity B/W	Col/B	Auto, IR-cut filter removable (ICR)
Lens Focal Length	Sensitivity Colour	0.007 lux @ F1.4
Horizontal Viewing Angle 113° (Wide) ~ 33.8° (Tele) Focus Adjustment Motorized Dn/Off + WDR AGC Adjustable WDR 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflict storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, IP, ICMP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, Network Protocol PTSP, RTCP, PPPOE, NTP, UPPP, SNMP, IGMP, 802.1x, QoS, IPV4/V6, Bonjour, ONVIF, PSIA, CGI Video Resolution 1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps) Streaming Multiple streaming (Up to 3 profiles)	Sensitivity B/W	0 Lux LED IR on
Focus Adjustment BLC Back Light On/Off + WDR AGC Adjustable 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, IPP, ITTP, HTTP, FTP, DHCP, DNS, DDNS, RTP, PPPOE, NTP, UPPP, SNMP, IGMP, 802.1x, QoS, IPV4/V6, Bonjour, ONVIF, PSIA, CGI Video Resolution 1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps) Streaming Multiple streaming (Up to 3 profiles)	Lens Focal Length	2.8 ~ 12 mm
BLC Back Light On/Off + WDR AGC Adjustable WDR 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Intelligent Video Analytics Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 TCP, UDP (Unicast, Multicast) Network Streaming TCP, IPPDE, INTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPDE, NTP, UPPP, SMMP, IGMP, 802.1x, QoS, IPV4/N6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	Horizontal Viewing Angle	113° (Wide) ~ 33.8° (Tele)
AGC Adjustable 140dB Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Intelligent Video Analytics Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPDE, NTP, UPNP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	Focus Adjustment	Motorized
## Mode	BLC Back Light	On/Off + WDR
Shutter Speed 1 ~ 1/100,000 sec Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPG, NTP, UPPP, SNMP, IGMP, 802.1x, QoS, IPV4/V6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	AGC	Adjustable
Camera ID yes + picture overlay for personnalized logo White Balance Auto/Off OSD Yes Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Image settings Intelligent Video Analytics Int	WDR	140dB
White Balance Auto/Off OSD Yes Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Image settings Intelligent Video Analytics Intelligent Video	Shutter Speed	1 ~ 1/100,000 sec
Network Interface Alarm Inputs Image Setting S Departing System Intelligent Video Compression Audio Compression Network Streaming Network Protocol TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Network Interface Tx 10/100 Base T/TX (RJ-45) 1 1 Alarm Outputs 1 CP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	Camera ID	yes + picture overlay for personnalized logo
Image settings Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPNP, SNMP, IGMP, 802.1x, QoS, IPV4/V6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	White Balance	Auto/Off
adjustable through client software or web browser Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflic storage exception Network Interface 1x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPV4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Multiple streaming (Up to 3 profiles)	OSD	Yes
Intelligent Video Analytics detection, Face detection, network disconnect, IP address conflic storage exception 1 x 10/100 Base T/TX (RJ-45) Alarm Inputs 1 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Streaming Multiple streaming (Up to 3 profiles)	Image settings	
Alarm Inputs Alarm Outputs 1 Operating System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Streaming Multiple streaming (Up to 3 profiles)	Intelligent Video Analytics	detection, Face detection, network disconnect, IP address conflict,
Alarm Outputs Departing System Embedded Linux Video Compression H.264 / MPEG-4 / MJPEG, multiple codec Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution Streaming Multiple streaming (Up to 3 profiles)	Network Interface	1x 10/100 Base T/TX (RJ-45)
Operating SystemEmbedded LinuxVideo CompressionH.264 / MPEG-4 / MJPEG, multiple codecAudio CompressionG.711 (64kbps) / G.726 (16kbps) / MP2L2Network StreamingTCP, UDP (Unicast, Multicast)Network ProtocolTCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGIVideo Resolution1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps)StreamingMultiple streaming (Up to 3 profiles)	Alarm Inputs	1
Video CompressionH.264 / MPEG-4 / MJPEG, multiple codecAudio CompressionG.711 (64kbps) / G.726 (16kbps) / MP2L2Network StreamingTCP, UDP (Unicast, Multicast)Network ProtocolTCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGIVideo Resolution1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps)StreamingMultiple streaming (Up to 3 profiles)	Alarm Outputs	1
Audio Compression G.711 (64kbps) / G.726 (16kbps) / MP2L2 Network Streaming TCP, UDP (Unicast, Multicast) TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution 1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps) Multiple streaming (Up to 3 profiles)	Operating System	Embedded Linux
Network StreamingTCP, UDP (Unicast, Multicast)Network ProtocolTCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGIVideo Resolution1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps)StreamingMultiple streaming (Up to 3 profiles)	Video Compression	H.264 / MPEG-4 / MJPEG, multiple codec
Network Protocol TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI Video Resolution 1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps) Streaming Multiple streaming (Up to 3 profiles)	Audio Compression	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Network ProtocolRTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGIVideo Resolution1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps)StreamingMultiple streaming (Up to 3 profiles)	Network Streaming	TCP, UDP (Unicast, Multicast)
Streaming (Up to 3 profiles)	Network Protocol	RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS,
	Video Resolution	1920x1080 (25 fps), 1280x960 (25fps), 1280x720 (25 fps)
Alarm Event Alarm Input, Motion Detection or Schedule: Image transfer FTP	Streaming	Multiple streaming (Up to 3 profiles)
	Alarm Event	Alarm Input, Motion Detection or Schedule: Image transfer FTP



Technical Specifications	
Firmware Upgrade	Firmware upgrade by Web Browser and iVMS 4200
Time Setting	Setting by Software local or internet
SD memory	supports up to 64 GB capacity of micro SD/SDHC/SDXC memory
Recording	H.264
HTTP API	Provides functionality to control cameras and set/retrieve internal parameter values.
Windows API	ActiveX components for viewing streams from video camera.
Operating Temperature	-30°C ~ +60°C
Humidity	less than 90%, non condensing
Protection Rating	IK10
Supply Voltage	12 Vdc / PoE (IEEE 802.3af)
Video Outputs	1x CVBS (1Vpp), BNC
Power Consumption (W)	13.5
Weight	1.4 kg - 3.09 lbs
Dimensions	Ø 140 x 121.8 mm - 5.51 x 4.8 ln



Accessories



DS-1273ZJ-130
Wall Mounting Bracket for Dome Camera (with Junction Box).



DS-1275ZJ Pole Mount Adapter



DS-1276ZJ Pole Mount Adapter



DS-1280ZJ-DM21 Connecting base for fixed dome camera





Dimensions



