

Product Highlights

Full Function and Easy Deployment

Small size and PoE allow for easy deployment in hard-to-reach places or areas where serious surveillance is needed.

Full HD Image Quality and Detail

High-resolution 2 megapixel sensor provides a 1920 x 1080 resolution image to monitor a large area with excellent detail

Onvif Compliant

Easy to plug and connect with other ONVIF compliant VMS and NVR.



DCS-4623

Full HD Dome Network Camera

Features

Camera

- 1/2.7" 2 megapixel CMOS progressive sensor
- Audio input and output connectors for 2-way communication
- ONVIF compliant
- IP 66
- IK 10

Connections

- 10/100 Power over Ethernet port
- Micro SD/SDHC Card slot for onboard storage
- IPv6/IPv4 support

Image & Video

- High resolution (1920x1080 max)
- H.264 and Motion JPEG compression
- 15 Meters IR LED supports for night vision
- 3D+2D Digital Noise Reduction
- Digital Wide Dynamic Range
- Sense Up Adjustable
- Simultaneous multi-stream support
- Supports multiple access lists
- Built-in Samba client for saving to a server

The DCS-4623 Full HD Dome Network Camera is a standard IP surveillance camera built with numerous useful features and Power over Ethernet connectivity, making it ideal for monitoring areas that are hard to reach or require serious surveillance.

Built for Versatility

The DCS-4623 comes with a wealth of features that enhance its surveillance capabilities, making it ideal for any situation. The small form factor allows you to mount the camera in areas that need to be monitored without the camera being an eyesore. The DCS-4621 is perfect for deployment into areas that lack power with its PoE feature. A audio input and output connectors allow for 2-way communication during an event.

Peace Of Mind With 24/7 Monitoring of Any Environment

The DCS-4623 is a standalone surveillance camera that requires no special hardware or software, and can run independently even without a PC. The DCS-4623's WDR image enhancement gives you improved image quality in environments with uneven or difficult lighting, so you can identify subjects that are backlit or in brightly lit areas. In low-light situations, the IR cut filter automatically slides out of the way to use all available light. The DCS-4621 also has built-in IR LED illuminators with a 15 meter range, allowing the camera to keep watch even in complete darkness. These features work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day. Send e-mail notifications with snapshots or video clips whenever motion or sound is detected using just the DCS-4623 and an internet connection. You can customize areas of the video to monitor for motion to keep watch over entryways.

Instant Anywhere Access with mobile app

The Full HD Dome Network Camera has free mobile app available, which means that you can access and configure your camera remotely, no matter where you are. With a mobile app, you can view your camera directly on your smartphone or tablet. Keep an eye on your home while you're at work, or check on the office when you're out on the road; the mobile app makes it all possible.

A Complete, Expandable Surveillance Solution

The DCS-4623 is a self-sufficient surveillance solution, capable of recording snapshots and video to a MicroSD card without requiring a PC or network storage device.

If you want to expand your surveillance options, VMS management software is also included, giving you the ability to manage up to 32 cameras with a robust set of features, including multi-camera views and automated e-mail alerts to keep you informed of suspicious or unusual activities.

Technical Specifications

Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • 1/2.7" 2 megapixel progressive CMOS sensor • Minimum illumination: 0 lux (with IR LED on) • Audio input and audio out • Varifocal length: 2.8-12 mm • Aperture: F1.4 • Built-in IR LEDs, 15 Meters IR distance 	<ul style="list-style-type: none"> • Mechanism IR Cut Filter • Angle of view: <ul style="list-style-type: none"> • (H) 31.3~104.5° • (V) 17.1~59.6° • Minimum object distance: 500 mm
Image Features	<ul style="list-style-type: none"> • Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable privacy masks zones • Digital Wide Dynamic Range 	<ul style="list-style-type: none"> • Configurable brightness, saturation, contrast, and sharpness • Configurable motion detection windows • 3D+2D Digital Noise Reduction • Sense Up Adjustable
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/ MJPEG format compression 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolution	<ul style="list-style-type: none"> • 16:9 -1920 x 1080, 1280 x 720 up to 30 fps recording¹ 	<ul style="list-style-type: none"> • 4:3 - 640 x 480, 320 x 240 and 176x144 up to 30 fps recording¹
Audio Support	<ul style="list-style-type: none"> • G.711: 64 kbps 	<ul style="list-style-type: none"> • G.726: 32, 24 kbps
External Device Interfaces	<ul style="list-style-type: none"> • 10/100 BASE-TX Fast Ethernet port • 1 DI(Digital Input) / 1 DO(Digital Output) 	<ul style="list-style-type: none"> • microSD/SDHC card slot²

Network

Network Protocols	<ul style="list-style-type: none"> • IPv6 • IPv4 • TCP/IP • UDP • 3GPP • DHCP client • NTP client • DNS client • DDNS client • SMTP client 	<ul style="list-style-type: none"> • FTP client • HTTP / HTTPS • Samba client • PPPoE • UPnP port forwarding • RTP / RTSP • QoS/DSCP • Bonjour • SNMP • ONVIF compliant
Security	<ul style="list-style-type: none"> • Administrator and user group protection 	<ul style="list-style-type: none"> • Password authentication

System Management

System Requirements for Web Interface	<ul style="list-style-type: none"> • Browsers: Internet Explorer, Firefox, Safari 	
Event Management	<ul style="list-style-type: none"> • Motion detection • Event notification and uploading of snapshots & video clips via e-mail or FTP 	<ul style="list-style-type: none"> • Supports multiple SMTP and FTP servers • Multiple event notifications • Multiple recording methods for easy backup
Remote Management	<ul style="list-style-type: none"> • Take snapshots/video clips and save to local hard drive via web browser 	<ul style="list-style-type: none"> • Configuration interface accessible via web browser

Mobile Support	• mobile app for iPhone™, iPad™, and Android™ mobile devices	
VMS System Requirements	<ul style="list-style-type: none"> • Operating System: Microsoft Windows 8 / 7 / Vista / XP • Web browser: Internet Explorer 7 or higher 	• Protocol: Standard TCP/IP
VMS Software Functions	<ul style="list-style-type: none"> • Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen 	<ul style="list-style-type: none"> • Supports all management functions in web interface • Scheduled motion triggered, or manual recording options
Physical		
Weight	• Device: 680g Without Stand	
External Power Adapter	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC
Power Consumption	• DC 12V Max: 3.96W (IR ON); 2.52W (IR Off)	• PoE Max: 802.3af, 5.28W (IR ON); 3.36W (IR Off)
Temperature	• Operating: -10 to 50 °C	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • CE • CE LVD 	• FCC Class B
Dimensions	• 132mm (Ø) x 108mm (H)	

¹ Frame rates when streaming video may vary depending on network conditions and method used.

² A SDHC Class 6 card or above is recommended. Supports card capacities up to 32GB.
Updated 2014/07/14

