Fish-Eye

180 / 360 Degree Panoramic View

PD636/PD636E/PD636W
H.264 High Profile 2M Fish-Eye Panorama Network Dome Camera

Main Features

* H.264 / MJPEG multiple streaming
* Featured with 360 degree Fish-Eye Lens
* 9 video modes to support ceiling mount, wall mount and table view application
* Vitural Camera cgi support , up to 4 independent stream support
* Advanced e-PTZ including preset point, auto pan, auto patrol
* Robust and maintenance-free without mechanical moving parts
* Two-way audio support
* Micro SD card for local storage
* Day/Night function with mechanical ICR

PD636 is a Fish-Eye Panorama Network Dome Camera featured with 2Mega Pixel resolution and superior H.264-AVC performance and rich functions. PD636 include a fish-eye lens for 360° panoramic wide angle view without blind spot. It is very suitbale to view a wide area with single camera such as hallway, store or office without the need to intall multiple cameras. The panoramic coverage ability can save customer lots of installation /maintenance cost.

The hardware distortion compensation ability can provide user up to 9 different video mode include source image, table view, 360° double broad view, 360° 3 PTZ view with source, 360° quad view, 360° broad view, 180° broad view with cropping function, 180° 3 PTZ view with source 180° 2 PTZ view with broad view. The e-PTZ funciton include auto pan and auto patrol without moving parts, it can replace traditional PTZ camera and thus save lost of traditional mechanical Pan/Tilt maintain cost.
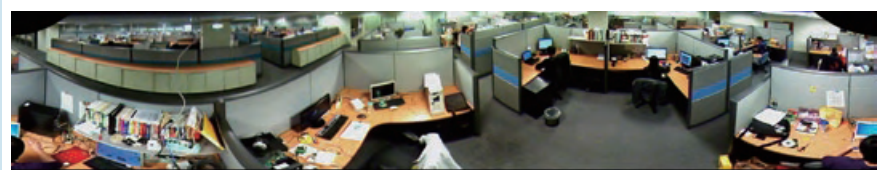
The PoE function (PD636E) and Wireless funciton(PD636W) are designed for flexible installation. Further functions includes two-way audio, DI/DO alarm applicaiton and micro SD card support for local storage application.

360 Degree Panoramic View

Source Image

Broad View

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Specification

Video Compression	H.264/Motion JPEG
Video Resolution	2M:1600x1200 720P: 1280x720 SVGA: 800x600 VGA: 640x480 QVGA: 320x240
Image Layout	Free resolution selection from QVGA to 2M Video layout include: source image, table view (video conference mode) 360° double broad view, 360° 3 PTZ view with source, 360° quad view, 360° broad view (Ceiling mount mode) 180° broad view with cropping function, 180° 3 PTZ view with source, 180° 2 PTZ view with broad view. (Wall mount mode)
vCam support	Up to 4 vitural camera support
Bit Rate	64K ~ 6Mbps(CBR/VBR configurable)
Frame Rate	15FPS @ 1600x1200 30 FPS @ 720P 30 FPS @ VGA/QVGA
Image Device	Color CMOS Sensor
Lens Type	Fish-Eye Lens, FOV=185°(D/H/V), F=2.0, f=1.25mm
Day/Night funciton	Mechanical IR cut filter
Video Control	Multi-streaming H.264 and Motion JPEG, controllable frame/bit-rate(bandwidth), VBR/CBR control Video crop functionality Backlight compensation On/Off
Image Adjustment	Image distortion correction,Brightness, Saturation, Sharpness, Exposure, White balance control, privacy mask windows
Event System	Trigger: motion detection Action: file upload via FTP, e-mail and Micro SD card Notification via e-mail
Locol storage	Micro SD card(not included) , support SDHC, schedule recording, full over-write
External storage	Directly on NAS and PC/Server without additonal recording software
Network Interface	10 BASE-T/100 BASE-TX
PoE	IEEE802.03af (PD636E only)
Wireless	IEEE802.11n (PD636W only)
System Requiremen	CPU: Intel Pentium D processor RAM: 1GB Graphic Card: 256MB

Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, Bonjour, UPnP, Samba client
Audio Capability	1x line in, 1x line out, built in microphone
Audio Compression	u-Law PCM 8KHz
Power Supply	AC/DC switching power adapter, Input: AC100 ~ 240V, output: DC12V/2A
Security	Password protection, https encryption, user access log
Power Consumption	5W
Operation Temperature	0°C ~ 50°C
Operation Humidity	20％ ~ 80％ RH
Dimension(∮xH)	180 x 55 mm
Net Weight	380g
Operation Platform	Microsoft Windows 2000/XP/Vista
Browser	IE 7.0 above
Certification Report	CE/FCC, ROHS, WEEE
I/O Connectors	1x RJ45 10 BASE-T/100 BASE-TX 1x DC jack 1x Audio line out/ 1 x audio line in 1x Micro SD slot 1x Default setting button 1x I/O Terminal connector ,4x DI/ 1x DO
Package Contents	1x CD (User's manual and software) 1x Quick Installation Guide

PD636/PD636E/PD636W

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* All specifications are subject to change without notice.

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