

DM5302 2MP Outdoor Motorized Dome

CHAMP



- Outdoor vandalproof
- Full HD 1080p
- Motorized lens + P-iris
- Adaptive IR 20m
- -40°C Low Temperature



DM5302 2MP outdoor motorized dome can keep consistent visibility all the time, is a perfect surveillance solution for monitoring 24x7 outdoor activities.

This DM5302 outdoor dome is extremely comprehensive, can work in almost any location, including banks, residential or public area. It features a motorized lens for remote focus and zoom control, the installer/user can remote control the focal length and precisely adjust the camera focus. This made DM5302 hassle-free installation and maintenance.

Besides, DM5302 comes with AdaptiveIR and P-iris to provide great clarity image all day. Compared to traditional IR, Smart IR can automatically adjusting IR output in response to the distance of the object to avoid over-exposure. P-iris can provide a clear image with better contrast and depth of field. That's why DM5302 can overcome variation light condition to have clear image.

ONVIF

For design help, accessories or pricing, please contact:
sales@avsupply or call: 1-858-565-1101

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1-800-284-2288 sales@avsupply.com
www.avsupply.com

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Features

- Full HD 1080p
- 1/2.8" CMOS sensor
- H.264 and Motion JPEG compression
- 30 fps at 1920 x 1080
- 2.8 - 12 mm, F1.6, motorized, P-iris lens
- True day & night with automatic removable IR-cut filter
- Smart focus system for remote focal & focus control
- Smart feature: Adaptive IR, Corridor Mode, ROI
- Adaptive IR 20m
- Two-way audio and built-in microphone
- RTC with built-in battery
- 2 x alarm input, 2 x alarm output
- Tampering detection
- IK10 vandal-proof
- IP66 weatherproof
- Screwless 3-axis angle adjustment for easy installation on wall or ceiling
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.4 and Profile S compliant
- Free 32-channel NVR software
- Built-in SD card slot

Adaptive IR



Adaptive IR OFF



Adaptive IR ON

P-iris



Conventional



P-iris

Applications



1. banking
2. Residential
3. Public Area

IP Surveillance Solutions

• Free 32ch NVR Software

The most professional NVR software you can get for free!

- Support up to 32 channels
- Up to 32 channels remote live view
- Remote playback 4 channels
- Multi-site / multi-server
- Transcoding (record high quality, transcode to different resolution/frame rate for remote client to save bandwidth)
- iOS/ Android mobile client (multi-channel live view | playback | PTZ & I/O control)
- E-maps (up to 4 layers | unlimited number of maps | video preview)
- Dual monitor
- ePTZ
- Multi-lingual user interface

*32ch free license for CHAMP cameras, but need to activate license for other brand



• ONVIF

All IP cameras are ONVIF 2.x & Profile S compliant, and continuously upgraded to comply with the latest versions



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Technical Specifications

Camera

Model	DM5302 2MP Outdoor Motorized Dome
Image sensor	1/2.8" CMOS sensor
Lens	F1.6, 2.8-12 mm motorized, P-iris lens
Angle of view	33°~107° horizontal
Min illumination	0.05 lux @ F1.6 (color) 0.001 lux (b/w) 0 lux (IR LED on)
IR working distance	20m effective range Adaptive IR, adjustable brightness via FW
IR LEDs	High performance IR LED x 16 (850nm)
Day/Night function	Mechanical IR cut filter Light sensor
Pan	345°
Tilt	70°
Rotate	345°

Video

Video compression	Motion JPEG H.264 baseline/ main profile/ high profile
Resolutions	Motion JPEG: 2 resolutions from 1920 x 1080 to 320 x 240 via API 2 resolutions from 640 x 480 to 320 x 240 via API H.264: 2 resolutions from 1920 x 1080 to 320 x 240 via API 2 resolutions from 640 x 480 to 320 x 240 via API
Frame rate	Motion JPEG: up to 30 fps at 1920 x 1080 H.264: up to 30 fps at 1920 x 1080 Simultaneous Motion JPEG, H.264 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror+ flip WDR enhanced Brightness, contrast, saturation, sharpness Overlay capabilities: Time stamp, Title, Title & Time stamp Privacy mask

Audio

Audio streaming	Two-way (full duplex)
Audio compression	G.711 μ law, a law, AMR
Audio input/output	
Built-in microphone, line input and line output	Line in/ line out

Network

Security	Multiple user access levels with password protection, HTTPS encryption Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
Users	5 simultaneous users

Alarm and Event Support

Alarm and event management	Input: alarm buffer, alarm input, motion detection Output: network storage, FTP, SMTP, HTTP event, alarm Pre-and post alarm buffer
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System

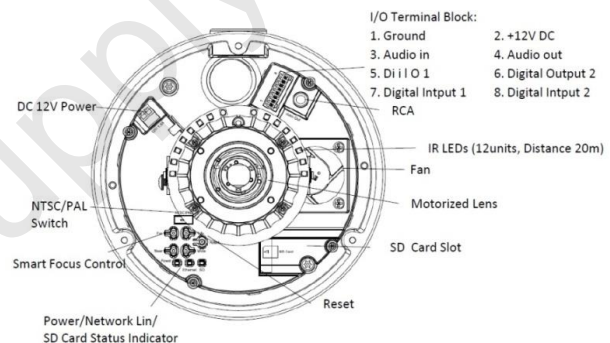
RJ-45 Ethernet 10/ 100 Base-T(with PoE)
2 pin terminal blocks for DC power
Smart focus control buttons
Terminal blocks for alarm input/ alarm output
Line in/ line out
Reset push button
NTSC/ PAL switch
RCA connector for analog video output

Local storage	SD/ SDHC card slot
LED Indicator	Power status indicator Network link indicator SD card status indicator ONVIF 2.4 & Profile S

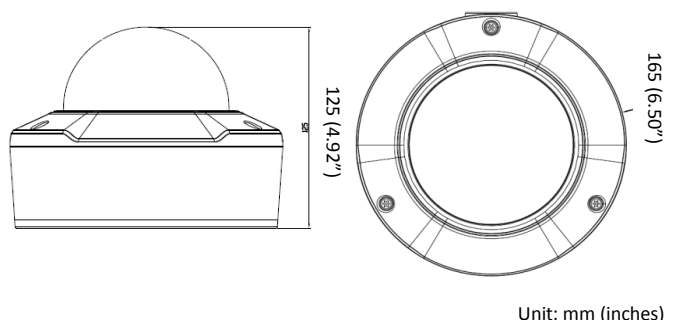
General

Casing	Aluminum casing
Housing	IP66 rated weatherproof; IK10 vandal-proof
Power	12V DC, 1.5A Power consumption: Max. 14W PoE (Power over Ethernet) built-in IEEE 802.3af/at
Operating conditions	-40 ~ 60 °C (-40 ~ 140 °F)
Minimum web browsing requirement	Pentium 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Windows 2008, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	ϕ 165 x 125mm (ϕ 6.50" x 4.92")
Weight	1670g (3.69lb) excl. power supply
Included accessories	Quick installation guide, CD (Camera Installation Tool, Video Management Tool, User Manuals, Camera Language Packs) mounting and connector kits
Certification	CE, FCC, RoHS

Part Names and Functions



Dimensions



Unit: mm (inches)



B1, No.207-1, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 231, Taiwan | www.champsolution.com

Tel : +886-2-7739-2260 | Fax : +886-2-7703-3377 | Mail : inquiry@champsolution.com

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