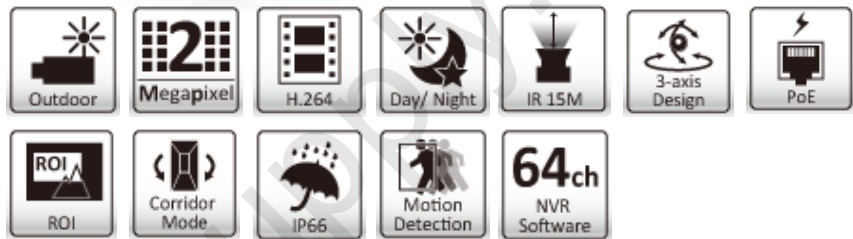


DM3102 2MP Eyeball Dome IP Camera

CHAMP



- Full HD 1080p
- 25 fps at 1920 x 1080
- 2.8 mm, F1.8, fixed lens
- True day & night with automatic removable IR-cut filter
- IR 15m range
- Smart feature: Corridor Mode, ROI



The CHAMP DM3102. Best-in-class image quality and essential features in an affordable and compact package. 1080p resolution, H.264 compression, IR LEDs, PoE and IP66 weatherproof, fitting the bill for most applications where a clear image day and night is all that's needed.

ROI (Region of Interest) spends your precious bandwidth and storage on the areas that really matter to you, and Corridor mode allows for vertical "portrait"-shaped video streams, that help you to make the most of your field of view in staircases, aisles, tunnels and many more.

ONVIF

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

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

Distributed By: Audio Video Supply -- Tel: 1-800-284-2288 -- www.avsupply.com

Features

- Full HD 1080p
- 1/2.8" CMOS sensor
- H.264 and Motion JPEG compression
- 25 fps at 1920 x 1080
- IR 15m range
- 2.8 mm, F1.8, Fixed lens
- True day & night with automatic removable IR-cut filter
- Smart feature: Corridor Mode, ROI
- RTC with built-in battery
- Motion detection
- IP66 weatherproof
- 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

ROI



Corridor Mode



Normal

Corridor Mode

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



Applications



1. City Surveillance
2. Retail
3. Transportation

• ONVIF

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



Technical Specifications

| Camera | |
|----------------------------|---|
| Model | DM3102 2M IR Eyeball Dome |
| Image sensor | 1/2.8" CMOS sensor |
| Lens | 2.8 mm, F1.8 |
| Angle of view | 94° horizontal |
| Min illumination | 0.05 lux @ F1.8 (color) 0.001 lux (B/W) 0 lux (IR LED on) |
| IR working distance | 15m effective range |
| Day/Night function | Mechanical IR cut filter |

| Video | |
|--------------------------|--|
| Video compression | Motion JPEG H.264 baseline/ main profile/ high profile |
| Resolutions | Motion JPEG: 5 resolutions from 1920 x 1080 to 320 x 240 via API 3 resolutions from 640 x 480 to 320 x 240 via API H.264: 5 resolutions from 1920 x 1080 to 320 x 240 via API 3 resolutions from 640 x 480 to 320 x 240 via API |
| Frame rate | Motion JPEG: up to 25 fps at 1920 x 1080 H.264: up to 25 fps at 1920 x 1080 |
| Video streaming | 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, date, text and privacy Image ROI |

| 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 |

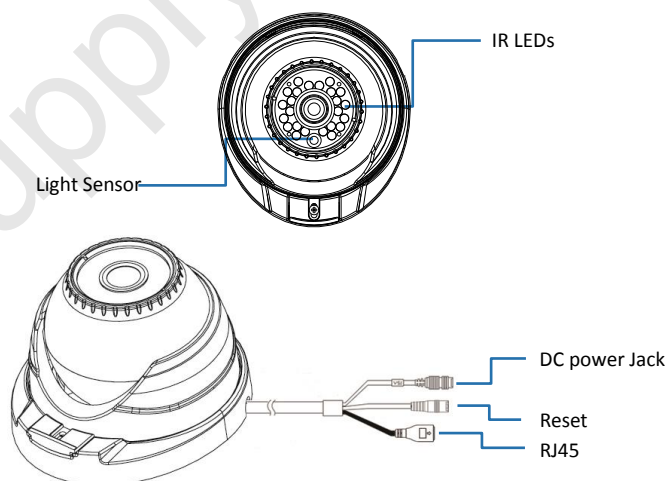
| Alarm and Event Support | |
|-------------------------|--|
| Alarm and event | Input: motion detection, tampering detection, periodical Output: network storage, FTP, SMTP, HTTP event Pre and post event image |

| System | |
|--------|--|
| | RJ-45 Ethernet 10/ 100 Base-T(with PoE) Reset push button DC 12V power supply ONVIF 2.4 & Profile S |

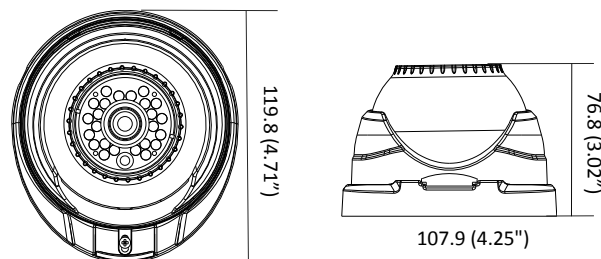
| General | |
|----------------|---|
| Casing | Metal housing |
| Housing | IP66 rated weatherproof housing |
| Power | 12V DC, 1A Power consumption: Max. 4W PoE (Power over Ethernet) built-in IEEE 802.3af |

| Operating conditions | -10°C - 60°C |
|---|---|
| Installation, management and maintenance | CHAMP camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at www.champsolution.com |
| 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) | φ44 x 107.9 x 76.8 mm (φ1.73" x 4.25" x 3.02") |
| Weight | 460+/-5 g 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 |
| Integration | |
| software | For viewing, recording and archiving up to 32 ch cameras |

Part Names and Functions



Dimensions



Unit: mm (inches)

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