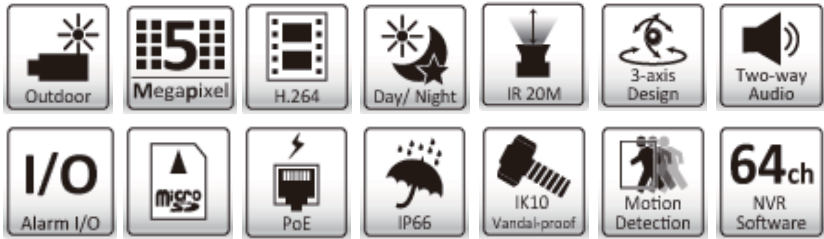


# ZAVIO D7510 5MP Day & Night Outdoor Dome



- 5 megapixel CMOS sensor
- H.264 and Motion JPEG compression
- 24 high performance IR LEDs and up to 20m distance
- MicroSD card slot
- IP66 weatherproof and IK10 vandal-proof housing



The outdoor-ready ZAVIO D7510 5 megapixel dome is designed for securing areas where high quality identification is need, can capture video at resolutions of up to 1920x1080(maximum 2560x1920) at frame rates up to 30fps.

With an IP66 weatherproof and IK10 vandal-proof rating, the outdoor camera is protected against the harsh outdoor conditions and vandal acts. D7510 also outfitted with IR LED illuminators and gives a viewing range of 20m to achieve excellent day & night functionality.

D7510 is used in applications ranging from banking and retail to warehouse and office. Besides, the included ZAVIO CamGraba2.0 is the most professional NVR software for free bundled can support up to 64 IP cameras and free mobile video management app.

### Related models

Model Name	D7210	D7320	D7510
Feature	Outdoor dome	Outdoor dome	Outdoor dome
	Full HD 1080p	3MP + WDR	5MP
	Varifocal	Varifocal	Varifocal
	ICR + IR 20m	ICR + IR 20m	ICR + IR 20m
	3-axis	3-axis	3-axis

## Features

- 5 megapixel progressive scan CMOS sensor
- H.264 and Motion JPEG compression
- 15 fps at 2560 x 1920, 30 fps at 1920 x 1080
- Day & night functionality with automatic removable IR-cut filter
- 24 high performance IR LEDs and up to 20m distance
- 3 - 10.5mm, F1.4 varifocal lens
- Screwless 3-axis design for easy camera angle adjustment
- Analog video output through RCA connector
- Built-in MicroSD/ SDHC card slot
- Tampering detection
- RTC with built-in battery
- Power over Ethernet (IEEE 802.3af)
- 1 x alarm input, 1 x alarm output
- Line in and line out
- IP66 weatherproof and IK10 vandal-proof housing
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.3 and Profile S compliant
- Free 64 channels ZAVIO CamGraba 2.0 NVR software

## ZAVIO IP Surveillance Solutions

### • Free Plug & Play Cloud Solution

You can watch Live Video on your computer or the mobile app on your iOS/ Android device. Setup is as easy as 1-2-3, and it's completely free!

Step 1. Now, go to [sat.qlync.com](http://sat.qlync.com)

Step 2. Create your account

Step 3. Add cameras to your account

**Supports ZAVIO IP Camera**

**(except F1100/F1105/B7320/B7510/D7320/D7510)**

Please go to [zavio.com](http://zavio.com) for a list of Cloud Solution support camera models



### • Free 64ch NVR Software

The most professional NVR software you can get for free!



### • 4ch/ 8ch Standalone NVR

The easiest way to view, record and playback up to 8 Full HD cameras all in real-time.



### • NVR Partners

ZAVIO IP Cameras are supported by a wide range of 3rd party NVR software and devices.

Please go to [zavio.com](http://zavio.com) for a list of our partners.

### • ONVIF

ONVIF 2.3 & Profile S compliant



## Application



1. Banking
2. Retail
3. Warehouse

# Technical Specifications

Camera	
<b>Models</b>	D7510 5MP day & night outdoor dome
<b>Image sensor</b>	1/3.2" progressive scan megapixel CMOS sensor
<b>Lens</b>	3 - 10.5mm, F1.4 DC-iris megapixel vari-focal lens
<b>Angle of view</b>	26° ~ 80° horizontal
<b>Digital zoom</b>	10x digital
<b>Min illumination</b>	0.03 lux at F1.4 (color) 0.001 lux at F1.4 (b/w) 0 lux at F1.4 (IR LED on)
<b>Dynamic range</b>	Up to 69dB
<b>IR working distance</b>	20m effective range Adjustable brightness via FW
<b>IR LEDs</b>	24 pcs (850nm)
<b>Day/Night function</b>	Mechanical IR cut filter Light sensor
<b>Shutter time</b>	1/2 ~ 1/10,000 sec.
<b>S/N ratio</b>	37dB

Video	
<b>Video compression</b>	Motion JPEG H.264 baseline/ main/ high profile
<b>Resolutions</b>	Motion JPEG: 7 resolutions from 2560 x 1920 to 320 x 240 via API, 7 selections via configuration web page H.264: 7 resolutions from 2560 x 1920 to 320 x 240 via API, 7 selections via configuration web page
<b>Frame rate</b>	Motion JPEG: Up to 15 fps at 2560 x 1920 Up to 30 fps at 1920 x 1080 H.264: Up to 15 fps at 2560 x 1920 Up to 30 fps at 1920 x 1080
<b>Video streaming</b>	Simultaneous Motion JPEG, H.264 Controllable frame rate and bandwidth Support ISMA RTSP (Real time streaming protocol)
<b>Image settings</b>	Rotation: mirror, flip, mirror flip WDR enhanced Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy image

Audio	
<b>Audio streaming</b>	Two-way (full duplex) Line in & out
<b>Audio compression</b>	G.711 $\mu$ law, a law

Network	
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP, ISMA
<b>Users</b>	10 simultaneous users

Alarm and Event Support	
<b>Alarm input/output</b>	Alarm input 30V DC Alarm output Max 100mA
<b>Alarm and event management</b>	Input: alarm buffer, alarm input, motion detection Output: network storage, FTP, SMTP, HTTP event, alarm out Pre-and post alarm buffer

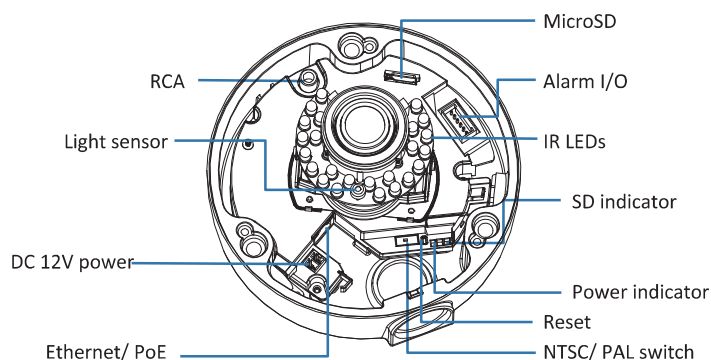
System	
<b>Connectors</b>	RJ-45 for Ethernet 10/100 Base-T (with PoE) 2 pin terminal blocks for DC power Terminal blocks for alarm input/ alarm output, Line in/ line out Reset push switch RCA connector for analog video output

<b>Local storage</b>	MicroSD/ SDHC card slot
<b>Software integration</b>	ONVIF 2.3 and Profile S compliant
<b>LED Indicator</b>	Power status indicator Network link indicator MicroSD card status indicator

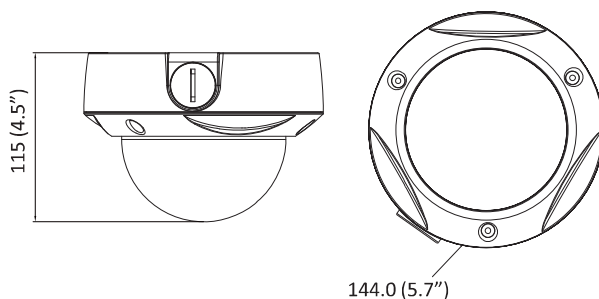
General	
<b>Casing</b>	Aluminum casing
<b>Housing</b>	IP66 rated weatherproof and IK10 vandal-proof housing
<b>Power</b>	12V DC, 1A Power consumption: Max. 8W PoE (Power over Ethernet) Built-in IEEE 802.3af
<b>Operating conditions</b>	-10° C ~ 50° C (14 ~ 122°F)
<b>Installation, management, and maintenance</b>	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at <a href="http://www.zavio.com">www.zavio.com</a>
<b>Minimum web browsing requirement</b>	Pentium 4 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Window 2008, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
<b>Dimensions (HxWxD)</b>	φ144 x 115 mm (5.7" x 4.5")
<b>Weight</b>	835.3g (1.84lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, CD (IP surveillance software, Intelligent IP Installer, user manual, and language packs), mounting and connector kits
<b>Certification</b>	CE, FCC, RoHS

Integration	
<b>Video management software</b>	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras See <a href="http://www.zavio.com/product.php?id=50">http://www.zavio.com/product.php?id=50</a> for more software application

## Part Names and Functions



## Dimensions



Unit: mm (inches)

