

# Technical Specifications

Camera	
<b>Model</b>	D8520 5MP Motorized P-iris Outdoor Dome
<b>Image sensor</b>	1/1.8" megapixel CMOS sensor
<b>Lens</b>	F1.5, 3.6 - 10 mm motorized, P-iris lens
<b>Angle of view</b>	38° - 88° horizontal
<b>Min illumination</b>	0.05 lux @ F1.5 (color) 0.001 lux (B/W) 0 lux (IR LED on)
<b>IR working distance</b>	20m effective range Adaptive IR, adjustable brightness via FW
<b>IR LEDs</b>	High performance IR LED x 16(850nm)
<b>Day/Night function</b>	Mechanical IR cut filter

Video	
<b>Video compression</b>	H.264 baseline/ main profile/ high profile H.265
<b>Resolutions</b>	1. 5MP Mode 2 profiles from 2560 x 1920 to 640 x 360 2 profiles from 640 x 480 to 640 x 360 2. 2MP Mode 2 profiles from 1080 x 720 to 640 x 360 2 profiles from 640 x 480 to 640 x 360
<b>Frame rate</b>	H.264/ H.265: up to 60 fps at 2MP Mode up to 30 fps at 5MP Mode
<b>Video streaming</b>	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
<b>Image settings</b>	Rotation: mirror, flip, mirror flip WDR Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, corridor mode Defog

Audio	
<b>Audio streaming</b>	Two-way (full duplex) Line in/ line out
<b>Audio compression</b>	G.711 $\mu$ law, a law/ G.726/ AMR

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
<b>Users</b>	10 simultaneous users

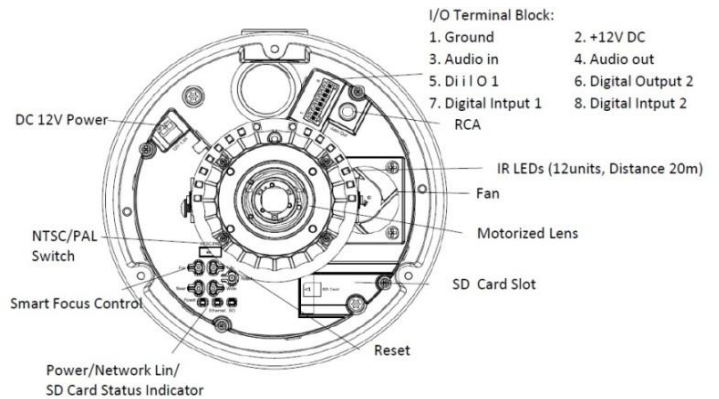
Alarm and Event Support	
<b>Alarm and event management</b>	Input: alarm buffer, alarm input, motion detection Output: network storage, FTP, SMTP, HTTP event, alarm out Pre- and post alarm buffer
<b>IVS</b>	Tampering detection, tripwire, perimeter

System	
<b>Connectors</b>	RJ-45 for Ethernet 10/100/1000 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
<b>Local storage</b>	SD/ SDHC card slot
<b>LED Indicator</b>	Power status indicator Network link indicator SD card status indicator
<b>Software integration</b>	ONVIF 2.4

General	
<b>Casing</b>	Aluminum casing
<b>Housing</b>	IP66 rated weatherproof , IK10 vandal-proof
<b>Power</b>	12V DC, 1.5A Power consumption: Max. 14W PoE(Power over Ethernet) built-in IEEE 802.3af/at (class 0)
<b>Operating conditions</b>	-40 ~ 60 °C (-40 ~ 140 °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>Dimensions (HxWxD)</b>	$\phi$ 165 x 125mm (6.50" x 4.92")
<b>Weight</b>	1670g (3.69lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, CD (Camera Installation Tool, Video Management Tool, User Manuals, Camera Language Packs) mounting and connector kits
<b>Certification</b>	CE, FCC, RoHS

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

## Part Names and Functions



## Dimensions

