

# F4215 | Cube 2MP Indoor IR Camera

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**ZAVIO**  
Innovating IP since 2006



- 1/2.8" 2MP CMOS sensor
- Fixed 3.6mm, F2.0
- 1080p @ 30fps
- 10m IR range
- PIR detection
- ROI (Region Of Interest)
- Corridor mode
- Operating conditions -10~ 40 °C
- Micro SD/SDHC card slot up to 32GB
- Built-in microphone & speaker
- 1 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- ONVIF 2.4 & Profile S

ZAVIO F4215 is an indoor 2MP cube, featuring an integrated PIR sensor for detecting movement and IR LED with 10m effective range. It also provides two-way audio support with built-in mic. and speaker, allowing remote listening and direct communication.

Additional features include ROI (Region Of Interest) and Corridor mode, for providing the best field of view and making a better use of your bandwidth and storage.

Compatible with ZAVIO CamGraba 2.0, the most professional free NVR software that can support up to 64 IP cameras.

## Features

### ROI (Region Of Interest)

Defining a Region Of Interest will allow you to spend less bandwidth in areas that are less important while relocating resolution on the most relevant areas.



Landscape mode



Corridor mode

### Corridor mode

Corridor Mode allows you to get a vertically oriented video stream from the camera, maximizing image quality while eliminating bandwidth and storage waste.

## Technical Specifications

### Camera

<b>Camera Type</b>	2MP Indoor IR Cube
<b>Image sensor</b>	1/2.8" CMOS sensor
<b>Lens</b>	Fixed 3.6mm, F2.0
<b>Horizontal view angle</b>	82°
<b>IR working distance</b>	10m effective range
<b>Min</b>	0.05 lux @ F2.0 (color) 0.005 lux @ F2.0 (B/W)
<b>WDR</b>	D-WDR
<b>Day/Night function</b>	Mechanical IR cut filter, Light sensor

### Video & Audio

<b>Resolutions</b>	Motion JPEG/H.264: 2 Profile from 1920 x 1080 to 320 x 240 (total 5 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions)
<b>Video compression</b>	Motion JPEG H.264 baseline/ main profile/high profile -
<b>Frame rate</b>	H.264: up to 30 fps at 1920 x 1080 Motion JPEG : up to 30 fps at 1920 x 1080
<b>Video</b>	Simultaneous Motion JPEG, H.264 Controllable frame rate and bandwidth Support unicast and multicast (RTSP)
<b>Image settings</b>	Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, White balance (auto/manual) 3D DNR -
<b>Audio support</b>	Two-way (full duplex) with built-in microphone and speaker
<b>Audio compression</b>	G.711 u law, a law, G.726, AMR

### I/O & Connector

<b>Ethernet</b>	RJ-45 Ethernet 10/100 Base -T
<b>Power Supply</b>	Terminal block, 12V DC, 1A Power consumption: Max 5W PoE(Power over Ethernet) built-in IEEE 802.3af
<b>Alarm I/O</b>	Terminal block, 1/1
<b>Audio connector</b>	-
<b>Analog video output</b>	-
<b>RS-485</b>	-
<b>Edge storage</b>	Micro SD/SDHC up to 32GB
<b>Buttons</b>	Reset push button

### Alarm & Event

<b>Event type</b>	Alarm input, motion detection, audio detection, periodical, network link down, PIR.
<b>Alarm action</b>	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

### Network

<b>Users</b>	5 simultaneous users
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
<b>ONVIF</b>	2.4 & Profile S

### General

<b>Housing</b>	PC + ABS
<b>Ingress Protection</b>	-
<b>Impact Protection</b>	-
<b>Other(s)</b>	PIR detection
<b>Operating conditions</b>	Starting temperature: 0 ~ 40°C Humidity 10-100% RH Working temperature: -10~ 40°C Humidity 10-100% RH
<b>Dimensions</b>	73 x 128.6 x 84.9mm
<b>Weight</b>	200g excl. power supply
<b>Included accessories</b>	Quick installation guide
<b>Optional accessories</b>	-
<b>Certification</b>	CE, FCC, RoHS
<b>Language</b>	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish

### System Requirements

<b>Operating system</b>	Windows XP / 7 / 8 / 8.1, MAC OS, Linux
<b>Browser</b>	Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari

### Software

<b>Video management software</b>	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras.
<b>Installation, management and maintenance</b>	ZAVIO Installation Tool makes camera management easier camera image preview, firmware upgrade of multiple cameras, reset cameras to default while keeping network settings, etc.

