

F7320 | Box Camera

3MP Box Camera

www.zavio.com

ZAVIO
Innovating IP since 2006



* Lens to be purchased separately

- . 1/2.8" 3MP CMOS sensor
- . Smart Codec H.265
- . 3MP@30fps
- . 120dB WDR
- . 3D DNR
- . Compatible with C/CS-mount lenses
- . ROI
- . Corridor mode
- . Defog
- . Micro SD/SDHC/SDXC card slot
up to 128GB
- . Two way audio (full duplex)
- . 2 alarm in / 2 alarm out
- . Operating conditions = 20 ~ 50°C
- . 12V DC & PoE (802.3af)
- . ONVIF 2.4 & Profile S

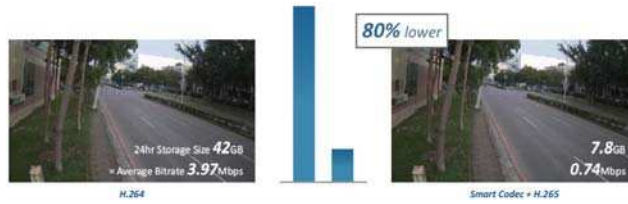
ZAVIO F7320 Fixed Box camera is full featured, yet compact and affordable. Latest H.265 compression to cut bandwidth in half, with ZAVIO's smart codec feature further lowering bandwidth and storage consumption to 80% less than normal H.264 cameras. Huge 1/2.8" Sony sensor with 3Mp resolution @ 30 fps that gives the most details. True WDR to handle the most challenging lighting conditions. Superior low-light sensitivity that still sees when you don't.

F7320 supports DC-Iris CS-mount lenses, giving you maximum flexibility to suit your requirements. Ideal for numerous applications such as home, office, and even hallways and aisles with its corridor mode. Compatible with ZAVIO CamGaba 6.1, the most professional free NVR software that can support up to 64 IP cameras.

Features

Smart Codec H.265

ZAVIO Smart Codec H.265 reduces bandwidth and storage requirements by a stunning 80% compared to standard H.264 camera.



WDR off



WDR on

DR

Cameras with DR will take multiple exposures of the full scene and merge them together to provide an image that extends further than the human eye can

ROI

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



Corridor



Landscape

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	
Camera Type	3MP Box IP Camera
Image sensor	1/2.8" 3MP CMOS sensor
Lens	CS-mount
Horizontal view angle	-
IR working distance	-
Min illumination	0.01 lux @ F2.0 (color) 0.001 lux @ F2.0 (B/W)
WDR	120dB
Day/Night function	Mechanical IR cut filter

Video & Audio	
Resolutions	Motion JPEG/H.264/H.265 2 profiles from 2048x1536 to 320x240 (total 6 resolutions) 2 profiles from 640x480 to 320x240 (total 3 resolutions)
Video compression	Motion JPEG H.264 baseline/main/profile/high profile H.265
Frame rate	H.264/H.265: up to 30 fps at 2048x1536 Motion JPEG: up to 15 fps at 2048x1536
Video streaming	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy image ROI 3D DNR
Audio support	Two-way (full duplex)
Audio compression	G.711 u-law, a-law / G.726 / AMR

I/O & Connector	
Ethernet	RJ45 Ethernet 10/100 Base-T
Power Supply	Terminal block, 12V DC, 1A PoE (Power over Ethernet) built-in IEEE 802.3af Power consumption: Max 3.0W
Alarm I/O	Terminal block, 2/2
Audio connector	3.5mm Phone jack, line in & line out
Analog video output	BNC
RS-485	Terminal block
Edge storage	Micro SD/SDHC/SDXC up to 128GB
Buttons	Reset push button
Others	USB connector

Alarm & Event	
Input	Alarm buffer, alarm input, motion detection, audio detection, periodical, network link down.
Output	Network storage, edge storage, FTP, SMTP, HTTP event, alarm out pre and post event image.

Network	
Users	10 simultaneous users
Security	Multiple user access levels with password protection, HTTPSEncryption
Supported protocols	Bonjour, TCP/IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
ONVIF	2.4 & Profile S

General	
Housing	Aluminum housing
Ingress Protection	-
Impact Protection	-
Impact protection	-
Other(s)	-
Operating conditions	Starting temperature: 0~60°C Humidity: 10-100% RH Working temperature: -20~60°C Humidity: 10-100% RH
Dimensions	115 x 64 x 56 mm
Weight	312g excl. power supply
Included accessories	Quick installation guide, mounting and connector kit.

Optional accessories	-
Certification	CE, FCC, RoHS
Language	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish

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

Software	
Video management software	ZAVIO Cam Graba 6.1 IP System software, for viewing, recording and archiving up to 64 cameras.
Installation, management and maintenance	ZAVIO Installation Tool makes camera management easier with camera image preview, firmware upgrade of multiple cameras, reset cameras to default while keeping network settings, etc.

