

F7520 | Box Camera 5MP Box Camera

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ZAVIO
Innovating IP since 2006



*Lens to be purchased separately

- 1/1.8" 5MP CMOS sensor
- Compatible with C/CS-mount lenses
- Smart Codec + H.265
- 5MP @ 30fps
- 100dB WDR
- 3D DNR
- ROI (Region Of Interest)
- Corridor mode
- Defog
- Operating conditions -20~ 60°C
- Micro SD/SDHC/SDXC card slot up to 128GB
- Two way audio (full duplex)
- 1 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- ONVIF 2.4 & Profile S

ZAVIO F7520 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 1/1.8" Sony sensor with 5MP 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.

F7520 supports DC-Iris C/CS-mount lenses, giving you maximum flexibility to suit your requirements. Ideal for numerous application such as home, office, and even hallways and aisles with its corridor mode. Compatible with ZAVIO CamGraba 2.0, the most professional free NVR software that can support up to 64 IP cameras.

Optional accessories

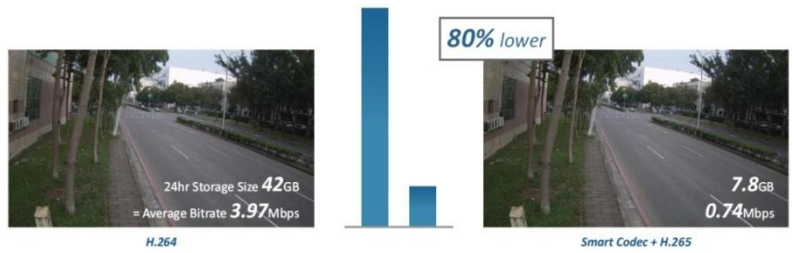
Accessory:	Outdoor enclosure
Item number:	AF-M01
Dimensions:	462.7(L) x 171(W) x 256(H)mm
Compatible with:	F7220, F7320, F7520



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

WDR

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

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

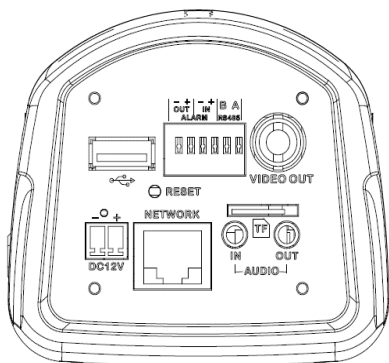
Camera Type	5MP Box Camera
Image sensor	1/1.8" CMOS sensor
Lens	C/CS-mount
Horizontal view angle	-
IR working distance	-
Min	0.05 lux @ F1.5 (color) 0.005 lux @ F1.5 (B/W)
WDR	100dB
Day/Night function	Mechanical IR cut filter

Video & Audio

Resolutions	Motion JPEG/H.264/H.265: 2 Profile from 2560 x 1920 to 640 x 480 (total 6 resolutions) 2 Profile from 640 x 480 to 640 x 360 (total 2 resolutions)
Video compression	Motion JPEG H.264 baseline/ main profile/high profile H.265
Frame rate	H.265/H.264: up to 60 fps at 1080p, 30fps at 5MP Motion JPEG : up to 30 fps at 1080p, 10fps at 5MP
Video	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP)
Image settings	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 Defog
Audio support	Two-way (full duplex)
Audio compression	G.711 u law, a law, G.726, AMR

I/O & Connector

Ethernet	RJ-45 Ethernet 10/100 Base -T
Power Supply	Terminal block, 12V DC, 1A Power consumption: Max 6W PoE(Power over Ethernet) built-in IEEE 802.3af
Alarm I/O	Terminal block, 1/1
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
Other(s)	USB connector



Alarm & Event

Event type	Alarm input, motion detection, audio detection, periodical, network link down, tampering, tripwire, people density, perimeter.
Alarm action	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

Network

Users	10 simultaneous users
Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	IPv4, IPv6, 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

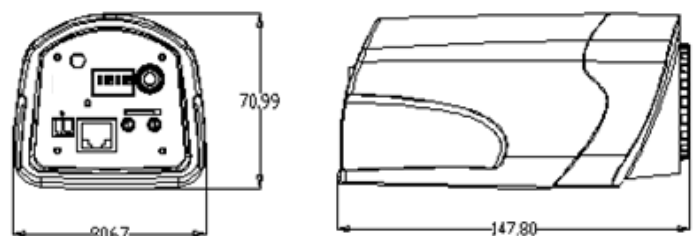
Housing	Aluminum Alloy
Ingress Protection	-
Impact Protection	-
Operating conditions	Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -20~ 60°C Humidity 10-100% RH
Dimensions	147.80 x 80.67 x 70.99mm
Weight	524.2g excl. power supply
Included accessories	Quick installation guide, hex wrench, C-mount adaptor.
Optional accessories	Outdoor enclosure (with optional PoE, IR, Heater, Fan)
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 CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras.
Installation, management and maintenance	ZAVIO Installation Tool makes camera management easier camera image preview, firmware upgrade of multiple cameras, reset cameras to default while keeping network settings, etc.



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