



## VISUS Box 12MP

Box Camera Series with 14 MP sensor and a range of lens options

### CAMERA

Image Sensor	Aptina 14 MP 1/2.3" CMOS
Sensitivity	Day/Night: 0.65 lux / 0.01 lux
Shutter time	1/6 s – 1/20,000 s
Day/Night:	True
Available lenses	1/2.5" form, C/CS mount, DC iris, megapixel resolution
Angle of view	With Fujinon DV4x12.5SR4A-SA1L lens: Horizontal: 25-7 °, Vertical: 19-5 ° With Evetar M123VD4510IR lens: Horizontal: 65-32 °, Vertical: 51-25 °

### IMAGE

Resolution	4:3: 4096×3072, 3840×2880, 3200×2400, 3072×2304, 2560×1920, 1920×1440, 1280×960, 640×480   16:9: 4096×2304, 3840×2160, 3200×1800, 3072×1728, 2560×1440, 1920×1080, 1280×720, 640×360
Frame Rate	H.264 4:3: 8 fps (4096×3072), 14 fps (2560×1920), 20 fps (2048 x 1536), 22 fps (1920×1440), 40 fps (1280×960), 50 fps (640 x 480) H.264 16:9: 10 fps (4096×2304), 16 fps (2560×1440), 25 fps (2048 x 1152), 30 fps (1920×1080), 45 fps (1280×720), 60 fps (640 x 360)
Image Settings	Brightness, Contrast, Gamma, Saturation, Sharpness, Noise Filtering, Noise reduction, White balance (7 presets), Operation mode (gain/exp preference), Exposure control, Gain control, Anti-flickering (50Hz/60Hz), Backlight compensation (adjustable zones), software-based WDR mode, Day/Night mode (Auto/Day/Night), Day/Night mode preference, Image Mirroring
Encoder Settings	I-frame Distance, Resolution, Frame Limit, Bandwidth Limit, Pre- and Post-alarm, Reduced Frame Rate Control

### COMPRESSION

Video Compression	H.264 SVC – Hierarchical P encoding
Bitrate	32 Mbps
Streaming	Intellio Video Streaming, Dual streaming

### INTERFACE

Ethernet	10 BaseT/100 BaseTX, RJ-45
I/O Ports	6-pin I/O connection (1 output (2 pins), 1 input (2 pins), GND, AUX voltage)
Reset Button	Reset To Factory Defaults (IP Address Reset)
Edge-storage	Storage to SD-card or to shared network folder via SMB protocol

### NETWORK

Protocols	NTP, TCP/IPv4, DHCP, DNS
Security	Camera User Name and Password

### GENERAL

Operating Conditions	0 °C – +45 °C
Power connector	Screw Fixed Terminal Blocks Accessory: Power connector (DC jack 5.5 mm / 2.1 mm)
Power Supply	12 V DC (+2 V, -3 V) / PoE support (IEEE 802.3af - PoE Class 3)
Power Consumption	Max. 7.5 W
Weight	385 g (without lens)
Certificates	CE: EN 55022, EN 55024, RoHS, FCC compliant
Compatibility	Open API, ONVIF Profile S

### CAMERA SOFTWARE

Motion Detection	64 polygons per mask, 8 masks, All masks with adjustable sensitivity and motion percent parameters, Separated motion detector for monitoring and for recording
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### INTELLIGENT VIDEO

Object Tracker	Automatic, 64 polygons for masking
Onboard detectors	Motion detector for live view and for recording Tampering detectors: Covering detection, Rotation detection Object based detector: Object removal / theft detection Tracker based detectors: Intelligent motion detection, Tripwire detection, Entry detection, Direction detection I/O port input detector