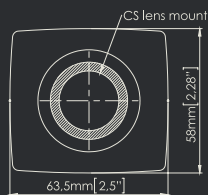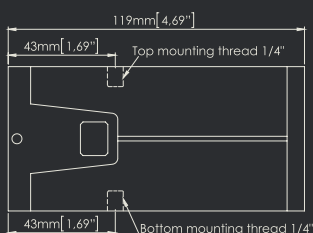# INTELLIO VISUS BOX ·········· ILD-420B

MAIN FEATURES

- On-board VCA
- True WDR mode
- 3 megapixel sensor
- Effective resolution: 2048×1536, ePTZ
- H.264 - Hierarhical P encoding
- Camera-side bandwidth management
- Record to SD-card

OPTIONAL ACCESSORIES AND LENSES

Power supplies	ILA-PS-12-H-EU	
LENSES		
Lens type	Horizontal view angle range	Vertical view angle range
M125VD3410-IRCS	76-26°	51-19°
M125VD922-IRCS	29-12°	22-9°
YV2.8x2.8S-R4A-SA2	92-32°	69-24°

CAMERA

Image Sensor	Aptina 3MP 1/3" CMOS Progressive Scan
Sensitivity	Day/Night: 0.65 lux / 0.01 lux
Shutter time	1/6s - 1/20,000s
Day/night mode	True
WDR mode	True (100dB)
Lenses (optional)	1/3" format, C/CS mount, DC iris, megapixel resolution

IMAGE

Resolution	4:3: 2048×1536, 1920×1440, 1280×960; 640×480 | 16:9: 2048×1152, 1920×1080, 1280x720, 640x360	
Frame Rate	Normal Mode: H.264 4:3: 25fps (2048×1536), 30fps (1920×1440), 40fps (1280×960) | H.264 16:9: 35fps (2048×1152), 40fps (1920×1080), 45fps (1280×720)	ECO mode: H.264 4:3: 15fps (2048×1536), 18fps (1920×1440), 25fps (1280×960) | H.264 16:9: 20fps (2048×1152), 24fps (1920×1080), 32fps (1280×720)
Image Settings	Brightness, Contrast, Gamma, Saturation, Sharpness, Noise Filtering, White balance (5 presets), Operation mode (gain/exp preference), Exposure control, Gain control, Anti-flickering (50Hz/60Hz), Backlight compensation (adjustable zones), Software WDR mode, Day/Night mode (Auto/Day/Night), Day/Night mode preference, Image Mirroring	
Encoder Settings	Codec Type, Quality, I-frame Distance, Resolution, Frame Limit, Reduced Frame Rate Control, Bandwidth Limit, Pre- and Post-alarm	

INTERFACE

Ethernet	10BaseT/100BaseTX, RJ-45
IO Ports	6 Pin IO Connector (1 Output (2 Pins), 1 Input (2 Pins), GND, AUX Voltage
Reset Button	Reset To Factory Defaults (IP Address Reset)
SD-card slot	Yes

GENERAL

Operating Conditions	Normal mode: 0 °C - 45 °C / ECO mode: 0 °C - 50 °C
Power Connector	Screw Fixable Terminal Blocks. Accessory: Power connector (DC jack 5.5mm/2.1mm)
Power Supply	12VDC (+2V, -3V), 625mA / PoE Support (IEEE 802.3af - PoE Class 3)
Power Consumption	Max. 7,5W
Weight	380g (without lens)
Certificates	CE: EN 55022, EN 55024, RoHS, FCC compliant

COMPRESSION

Video Compression	H.264 - Hierarhical P encoding
Bit Rate	500Kbps - 18Mbps
Streaming	Intellio Video Streaming, Dual streaming over RTSP

NETWORK

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

CAMERA SOFTWARE

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

INTELLIGENT VIDEO

Detectors	Motion Detector / Tampering detectors: Covering detection, Rotation detection / IO port input detector
Extended Intelligence	Tracker based detectors: Intelligent motion detection, Tripwire detection, Entry detection, Direction detection / Object based detector: Object removal / theft detection
Object Tracker	64 polygon for masking, Object behavior settings, Day-time/Night-time sensitivity, Environmental settings

119mm [4,69"]
43mm [1,69"] Top mounting thread 1/4"
43mm [1,69"] Bottom mounting thread 1/4"
CS lens mount
58mm [2,28"]
63,5mm [2,5"]

3MP — 3 MEGAPIXEL RESOLUTION
Full HD 1080 — FULL HD RESOLUTION SUPPORT
H.264 MPEG-4/AVC — H.264 HIERARCHICAL P
PoE — POE SUPPORT
USB — ON-BOARD STORAGE ON USB DRIVE
SD — ON-BOARD STORAGE ON SD CARD
▶ — ON-BOARD PLAYBACK
iTracking — ITRACKING TECHNOLOGY
iShot — ISHOT TECHNOLOGY