

# INTELLIO VISUS DOME

ILD-420B-VD-IRW

## CAMERA

Image Sensor	Aptina 3MP 1/3" , WDR
Sensitivity	Day/Night: 0.65 lux / 0.01 lux / 0 lux
Shutter time	1/6s - 1/20,000s
Day/night mode	True
WDR mode	True (100dB)
Lenses	3-10.5mm, motorized focus/zoom

## COMPRESSION

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

## IR ILLUMINATION

IR LED	35pcs of IR LEDs
IR illumination distance	max. 35m
Illumination angle	50°

## IMAGE

Resolution	4:3: 2048x1536, 1920x1440, 1280x960; 640x480   16:9: 2048x1152, 1920x1080, 1280x720, 640x360	
Frame Rate	Normal Mode: H.264 4:3: 25fps (2048x1536), 30fps (1920x1440), 40fps (1280x960)   H.264 16:9: 35fps (2048x1152), 40fps (1920x1080), 45fps (1280x720)	ECO mode: H.264 4:3: 15fps (2048x1536), 18fps (1920x1440), 25fps (1280x960)   H.264 16:9: 20fps (2048x1152), 24fps (1920x1080), 32fps (1280x720)
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	

## 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
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## INTERFACE

Ethernet	10BaseT/100BaseTX, RJ-45
Reset Button	Reset To Factory Defaults (IP Address Reset)
SD-card slot	Yes

## INTELLIGENT VIDEO

Detectors	Motion Detector Tampering detectors: Covering detection, Rotation detection
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

## GENERAL

Environmental Protection	IP65
Operating Conditions	-30 °C - +50 °C
Power Supply	POE: 802.3af, Class0   DC: 24-50V
Power Consumption	Max. 13W
Weight	900g
Certificates	CE: EN 55022, EN 55024, RoHS, FCC compliant



## MAIN FEATURES

- Remote controlled zoom and focus, P-iris
- Wall-mounted design (moveable on 3 axis)
- On-board VCA
- True WDR mode
- 3 megapixel sensor
- Effective resolution: 2048x1536
- H.264 SVC (Hierarchical P encoding)
- Camera-side bandwidth management
- Storage on SD card

## OPTIONAL ACCESSORIES AND LENSES

LENS		
Lens type	Horizontal view angle range	Vertical view angle range
Wide angle	86-25°	65-18°

