

Tanz

NETWORK SURVEILLANCE

2016 CATALOG

About Tanz

Tanz Security is exclusively focused on high definition network cameras and advanced network recorders, to provide best performance and reliable solutions to our partners.

Durable, well designed and performance oriented solutions able to deliver perfect image quality in demanding installations such as critical facilities, city surveillance, airport facilities or retail business.

Unrivaled Image Quality

- Starlight super low lux sensors
- 120dB. hardware WDR
- Defogging
- 3DNR with ulta low noise technology



Excellent Network Control

- H.265 decrease 80% bandwidth requirements
- 30fps @ 5mp/3mp., 60fps. @ 2mp./1,3mp.
- Improved bandwidth control
- Region of interest for improved storage saving (ROI)

Advanced Features

- Remote focus from computer
- Advanced back light compensation
- Professional video analysis
- Multicast access



Network Total Solution

- Advanced network recorders
- Large recording solutions
- Synopsis video search
- Thermal vision solutions



User Friendly

- Easy focus
- Camera autodetection
- Camera auto IP setting
- Multi platform

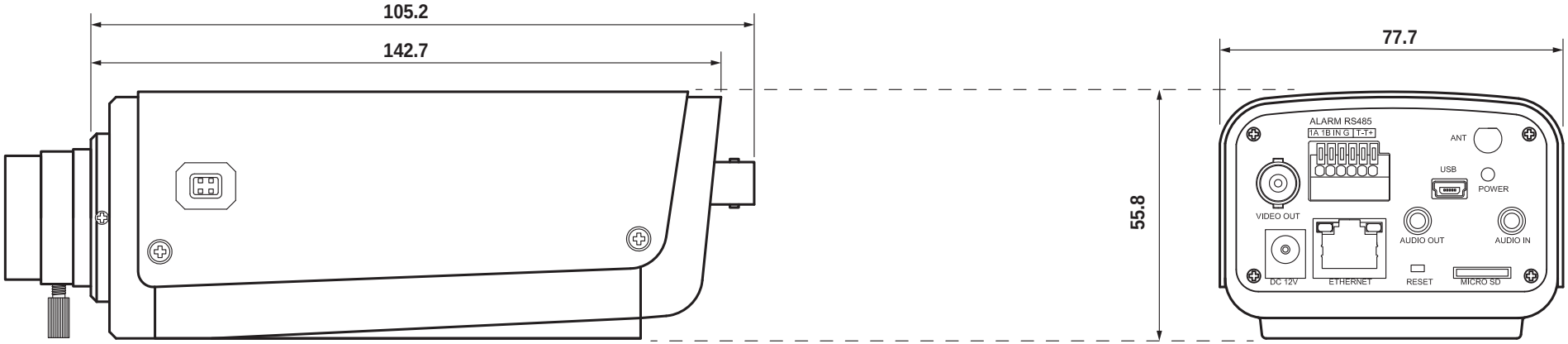
BOX

FEATURES

High performance DSP
Low lux progressive CMOS sensors
Varifocal / Auto-iris lenses
H.265*/H.264/MJPEG video compression
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
Micro SD card local storage, up to 64/128*GB.
DC and POE power, 802.3af compliant
Region of Interest (ROI)
e-PTZ
RS-485 / Alarms
Privacy mask
Motion detection
2 way audio, built-in microphone
Free CMS included
Onvif 2.4.2 and Profile S compliant
* in selected models



PRODUCT DIMENSIONS



SPECIFICATIONS

	THA111	THA121	THA131	THA151	THC121PRO	THC121	THC151
Resolution	1,3 megapixel	2 megapixel	3 megapixel	5 megapixel	2 megapixel	5 megapixel	5 megapixel
Sensor	1/3” CMOS	1/2.8” CMOS	1/3” CMOS	1/2.5” CMOS	1/2.8” CMOS	1/1.8” CMOS	1/1.8” CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920	1920 x 1080	2592 x 1920	2592 x 1920
Max. Frame Rate	30	30	21	12	60 (2048x1536/30fps)	30	30
Min. Illumination	0,1 Lux at f.1,2					0,012 Lux at F1,2	
Compression	H.264, MJPEG					H.265, H.264, MJPEG	
Day / Night	Yes, ICR filter with auto switch						
Lens	2,8-12mm.			3-10,5mm.	2,8-12mm.	3,6-10mm.	
Type	Auto-iris, Varifocal lens, Manual focus						
Mount	C / CS Type						
IR light	–						
WDR	Digital		120dB. Hardware	Digital	130dB. Hardware	120dB. Hardware	100dB. Hardware
Noise Reduction	3D						
Audio	2 way, built-in microphone						
Ethernet	RJ45 10 / 100 Ethernet port						
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X						
Compatibility	ONVIF 2.4.2 / Profile S, SDK available						
Storage	Micro SDXC 64GB.					Micro SDXC 128GB.	
Alarm I/O	1 / 1						
Alarms	Motion detection, storage full, network loss						
RS485	Yes						
Defogging	No				Yes		
Privacy Mask	5 areas						
NAS Recording	Yes						
Working Temp.	-40° ~ 65°C.						
Waterproof	–						
Vandal Proof	–						
Humidity	< 95%						
Power	DC12v., PoE IEEE802.3af End span/Mid span						
Consumption	2.5 W.						
Size (mm.)	150.2 × 77.7 × 55.8						
Weight	0.5 Kg.						

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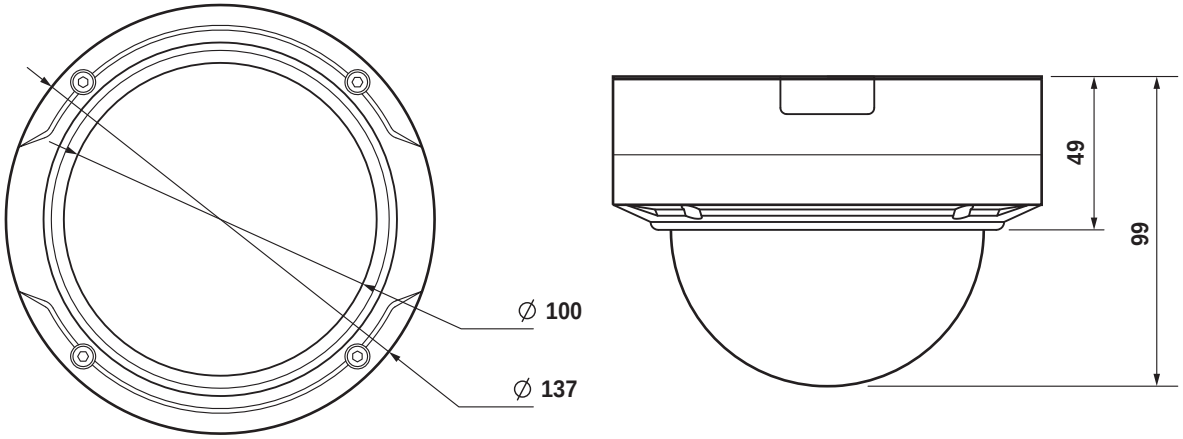
DOME

FEATURES



High performance DSP
Low lux progressive CMOS sensors
Long distance IR light, SMART IR
Varifocal / Autoiris lenses manual/remote focus
Full metal IP66 water proof housing
IK10 Vandal proof
H.265*/H.264/MJPEG video compression
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
Micro SD card local storage, up to 64/128*GB.
DC and POE power, 802.3af compliant
Region of Interest (ROI)
e-PTZ
RS-485 / Alarms
Privacy mask
Motion detection
2 way audio
Free CMS included
Onvif 2.4.2 and profile S compliant
* in selected models

PRODUCT DIMENSIONS



SPECIFICATIONS

Model Name	THA211	THA221	THA231	THA251	THA211PRO	THA221PRO	THA231PRO	THA251PRO
Resolution	1,3 megapixel	2 megapixel	3 megapixel	5 megapixel	1,3 megapixel	2 megapixel	3 megapixel	5 megapixel
Sensor	1/3” CMOS	1/2.7” CMOS	1/3” CMOS	1/2.5” CMOS	1/3” CMOS	1/2.7” CMOS	1/3” CMOS	1/2.5” CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920
Max. Frame Rate	30	30	21	12	30	30	21	12
Min. Illumination	0,1 Lux at F1,2							
Compression	H.264, MJPEG							
Day / Night	Yes, ICR filter with auto switch							
Lens	2,8-12mm.			3-10,5mm.	2,8-12mm.			3-10,5mm.
Type	Auto-iris, Varifocal lens, Manual focus				Auto-iris, Varifocal, Remote focus			
Mount	M Type							
IR light	30m.				30m. SMART			
WDR	Digital		130dB.	Digital			130dB.	
Noise Reduction	3D							
Audio	2 way audio, 1/1							
Ethernet	RJ45 10 / 100 Ethernet port							
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X							
Compatibility	ONVIF 2.4.2 / Profile S, SDK available							
Storage	Micro SDXC 64GB.							
Alarm I/O	1 / 1							
Alarms	Motion detection, Storage full, Network loss				Motion detection, Storage full, Network loss, Tampering			
RS485	Yes							
Defogging	No							
Privacy Mask	5 areas							
NAS Recording	Yes							
Working Temp.	-40° ~ 65°C.							
Waterproof	IP66							
Vandal Proof	IK10							
Humidity	< 95%							
Power	DC12v., PoE IEEE802.3af End span/Mid span							
Consumption	6 W.							
Size (mm.)	137 x 99							
Weight	0.8 Kg.							

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SPECIFICATIONS

Model Name	THC221	THC251	THC221PRO	THC251PRO
Resolution	2 megapixel	5 megapixel	2 megapixel	5 megapixel
Sensor	1/1.8" CMOS	1/1.8” CMOS	1/1.8” CMOS	1/1.8” CMOS
Max. Resolution	1920 x 1080	2592 x 1920	1920 x 1080	2592 x 1920
Max. Frame Rate	30	30	30	30
Min. Illumination	0,012 Lux at F1,2			
Compression	H.265, H.264, MJPEG			
Day / Night	Yes, ICR filter with auto switch			
Lens	3,6-10mm.			
Type	Auto-iris, Varifocal lens, Manual focus		Auto-iris, Varifocal, Remote focus	
Mount	M Type			
IR light	30m.		30m. SMART	
WDR	120dB.	100dB.	120dB.	100dB.
Noise Reduction	3D			
Audio	2 way audio, 1/1			
Ethernet	RJ45 10 / 100 Ethernet port			
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X			
Compatibility	ONVIF 2.4.2, Profile S, SDK Available			
Storage	Micro SDXC 128GB.			
Alarm I/O	1 / 1			
Alarms	Motion detection, Storage full, Network loss		Motion detection, Storage full, Network loss, Tampering	
RS485	Yes			
Defogging	Yes			
Privacy Mask	5 areas			
NAS Recording	Yes			
Working Temp.	-40° ~ 65°C.			
Waterproof	IP66			
Vandal Proof	IK10			
Humidity	< 95%			
Power	DC12v., PoE IEEE802.3af End span/Mid span			
Consumption	6 W.			
Size (mm.)	137 x 99			
Weight	0.8 Kg.			

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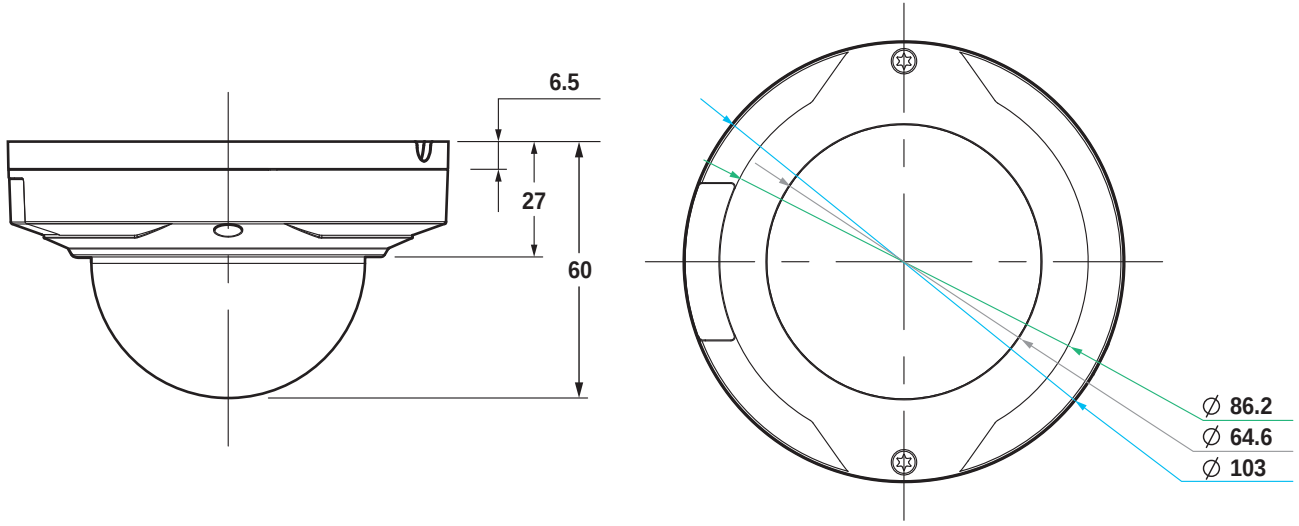
MINIDOME

FEATURES

High performance DSP
Low lux progressive CMOS sensors
Long distance IR light
Fix lenses manual focus
Full metal IP67 water proof housing
H.264/MJPEG video compression
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
Micro SD card local storage, up to 64GB.
DC and POE power, 802.3af compliant
Region of Interest (ROI)
e-PTZ
Privacy mask
Motion detection
Free CMS included
Onvif 2.4.2 and Profile S compliant



PRODUCT DIMENSIONS



SPECIFICATIONS

Model Name	THA311	THA321	THA331	THA351
Resolution	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel
Sensor	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.5" CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920
Max. Frame Rate	30	30	21	12
Min. Illumination	0,1 Lux at F1,2			
Compression	H.264, MJPEG			
Day / Night	Yes, ICR filter with auto switch			
Lens	3,6mm. (Other lenses available)			
Type	Fix-iris, Fix focal, Manual focus			
Mount	M Type			
IR light	20m.			
WDR	Digital		120dB.	Digital
Noise Reduction	3D			
Audio	No			
Ethernet	RJ45 10 / 100 Ethernet port			
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X			
Compatibility	ONVIF 2.4.2/ Profile S, SDK available			
Storage	Micro SDXC 64GB.			
Alarm I/O	No			
Alarms	Motion detection, Storage full, Network loss			
RS485	No			
Defogging	No			
Privacy Mask	5 areas			
NAS Recording	Yes			
Working Temp.	-40° ~ 65°C.			
Waterproof	IP67			
Vandal Proof	Yes			
Humidity	< 95%			
Power	DC12v., PoE 802.3af End span/mid span			
Consumption	4.5 W.			
Size (mm.)	103 x 60			
Weight	0.3 Kg.			

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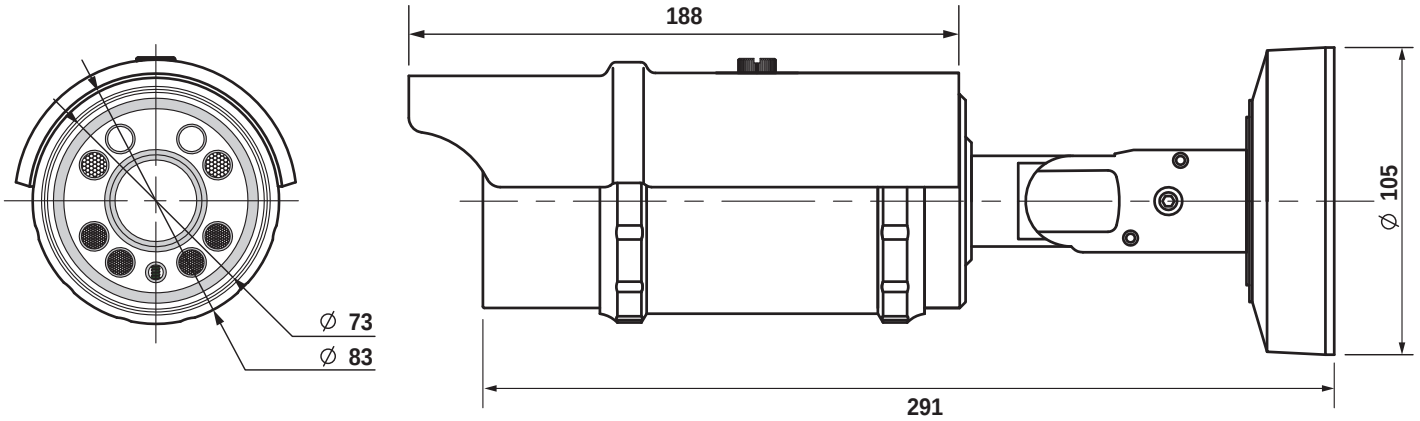
BULLET PRO

FEATURES

High performance DSP
Low lux progressive CMOS sensors
Long distance SMART IR
Varifocal / Autoiris lenses remote focus
Full metal IP66 water proof housing
IK10 Vandal proof
H.264/MJPEG video compression
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
Micro SD card local storage, up to 64GB.
DC and POE power, 802.3af compliant
Region of Interest (ROI)
Tampering alarm
e-PTZ
RS-485 / Alarms
Privacy mask
Motion detection, tampering alarm
2 way audio
Junction box
Free CMS included
Onvif 2.4.2 and Profile S compliant



PRODUCT DIMENSIONS



SPECIFICATIONS

Model Name	THAMR4123PRO	THAMR4223PRO	THAMR4323PRO	THAMR4533PRO
Resolution	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel
Sensor	1/3” CMOS	1/2.7” CMOS	1/3” CMOS	1/2.5” CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920
Max. Frame Rate	30	30	21	12
Min. Illumination	0,1 Lux at F1,2			
Compression	H.264, MJPEG			
Day / Night	Yes, ICR filter with auto switch			
Lens	2,8-12mm.			3-10,5mm.
Type	Auto-iris, Varifocal, remote focus			
Mount	M Type			
IR light	30m. SMART			
WDR	Digital		120dB.	Digital
Noise Reduction	3D			
Audio	2 way			
Ethernet	RJ45 10/100 Ethernet port			
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X			
Compatibility	ONVIF 2.4.2/ Profile S, SDK available			
Storage	Micro SDXC 64GB.			
Alarm I/O	1 / 1			
Alarms	Motion detection, Storage full, Network loss, Tampering			
RS485	Yes			
Defogging	No			
Privacy Mask	5 areas			
NAS Recording	Yes			
Working Temp.	-40° ~ 65°C.			
Waterproof	IP66			
Vandal Proof	IK10			
Humidity	< 95%			
Power	DC12v., PoE 802af End span/Mid span			
Consumption	7 W.			
Size (mm.)	105×290.5			
Weight	1.2 Kg.			

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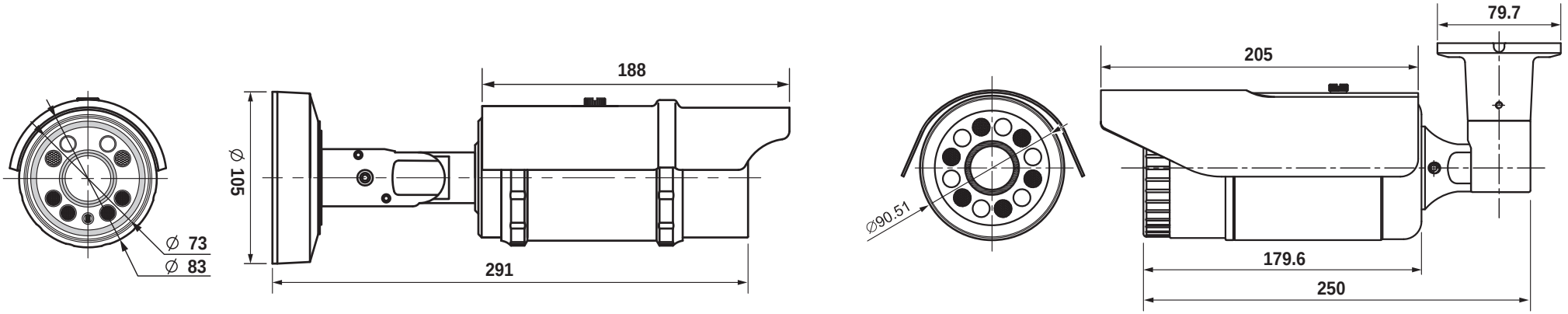
BULLET ADVANCED

FEATURES

High performance DSP
Low lux progressive CMOS sensors
Long distance IR
Varifocal / Autoiris lenses manual / remote focus
Full metal IP66 water proof housing
IK10 Vandal proof *
H.265/H.264/MJPEG video compression*
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
Micro SD card local storage, up to 64/128GB. *
DC and POE power, 802.3af compliant
Region of Interest (ROI)
Tampering alarm
e-PTZ
RS-485 / Alarms
Privacy mask
Motion detection
2 way audio
Free CMS included
Onvif 2.4.2 and Profile S compliant
* In selected models



PRODUCT DIMENSIONS



SPECIFICATIONS

Model Name	THALM4145	THALM4255	THALM4355	THALM4565	THALR4145	THALR4255	THALR4355	THALR4565
Resolution	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel
Sensor	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.5" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.5" CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920
Max. Frame Rate	30	30	21	12	30	30	21	12
Min. Illumination	0,1 Lux at F1,2							
Compression	H.264, MJPEG							
Day / Night	Yes, ICR filter with auto switch							
Lens	6-22mm.	7-22mm.		9-22mm.	6-22mm.	7-22mm.		9-22mm.
Type	Auto-iris, Varifocal, Manual focus				Auto-iris, Varifocal, Remote focus			
Mount	M Type							
IR light	70m.							
WDR	Digital		120dB.	Digital			120dB.	Digital
Noise Reduction	3D							
Audio	2 way							
Ethernet	RJ45 10/100 Ethernet port							
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X							
Compatibility	ONVIF 2.4.2/ Profile S, SDK available							
Storage	Micro SDXC 64GB.							
Alarm I/O	1 / 1							
Alarms	Motion detection, Storage full, Network loss							
RS485	Yes							
Defogging	No							
Privacy Mask	5 areas							
NAS Recording	Yes							
Working Temp.	-40° ~ 65°C.							
Waterproof	IP66							
Vandal Proof	Yes							
Humidity	< 95%							
Power	DC12v., PoE 802.3af End span/Mid span							
Consumption	10 W.							
Size (mm.)	330 x 105 x 120							
Weight	1.2 Kg.							

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BULLET ADVANCED

SPECIFICATIONS

Model Name	THAMM4123	THAMM4223	THAMM4323	THAMM4533	THAMM4126	THAMM4226	THAMR4126	THAMR4226
Resolution	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel	1.3 megapixel	2 megapixel	1.3 megapixel	2 megapixel
Sensor	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.5" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920	1280 x 960	1920 x 1080	1280 x 960	1920 x 1080
Max. Frame Rate	30	30	21	12	30	30	30	30
Min. Illumination	0,1 Lux at F1,2							
Compression	H.264, MJPEG							
Day / Night	Yes, ICR filter with auto switch							
Lens	2,8-12mm.			3-10,5mm.	2,8-10,5mm.			
Type	Auto-iris, Varifocal, Manual focus							
Mount	M Type							
IR light	30m.				100m.			
WDR	Digital		120dB.	Digital				
Noise Reduction	3D							
Audio	2 way							
Ethernet	RJ45 10/100 Ethernet port							
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X							
Compatibility	ONVIF 2.4.2/ Profile S, SDK available							
Storage	Micro SDXC 64GB.							
Alarm I/O	1 / 1							
Alarms	Motion detection, Storage full, Network loss							
RS485	Yes							
Defogging	No							
Privacy Mask	5 areas							
NAS Recording	Yes							
Working Temp.	-40° ~ 65°C.							
Waterproof	IP66							
Vandal Proof	IK10							
Humidity	< 95%							
Power	DC12v., PoE 802af End span/Mid span							
Consumption	7 W.							
Size (mm.)	105×290.5							
Weight	1.2 Kg.							

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BULLET ADVANCED

SPECIFICATIONS

Model Name	THCMM4223PRO	THCMM4273	THCMM4573	THCMR4273	THCMR4573	THCMM4276	THCMM4576	THCMR4276	THCMR4576
Resolution	2 megapixel	2 megapixel	5 megapixel	2 megapixel	5 megapixel	2 megapixel	5 megapixel	2 megapixel	5 megapixel
Sensor	1/2.8” CMOS	1/1.8” CMOS	1/1.8” CMOS	1/1.8” CMOS	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	2592 x 1920	1920 x 1080	2592 x 1920	1920 x 1080	2592 x 1920	1920 x 1080	2592 x 1920
Max. Frame Rate	60	30	30	30	30	30	30	30	30
Min. Illumination	0,1 Lux at F1,2	0,012 Lux at F1,2							
Compression	H.265, H.264, MJPEG								
Day / Night	Yes, ICR filter with auto switch								
Lens	2,8-12mm.				3,6-10mm.				
Type	Auto-iris, Varifocal, Manual focus				Auto-iris, Varifocal, Remote focus	Auto-iris, Varifocal, Manual focus		Auto-iris, Varifocal, Remote focus	
Mount	M Type								
IR light	30m.				30m.	100m.			
WDR	130dB.	120dB.	100dB.	120dB.	100dB.	120dB.	100dB.	120dB.	100dB.
Noise Reduction	3D								
Audio	2 way								
Ethernet	RJ45 10/100 Ethernet port								
Protocols	IPv4/6, RTSP/RTP, RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X								
Compatibility	ONVIF 2.4.2/ Profile S, SDK available								
Storage	Micro SDXC 128GB.								
Alarm I/O	1 / 1								
Alarms	Motion detection, Storage full, Network loss								
RS485	Yes								
Defogging	Yes								
Privacy Mask	5 areas								
NAS Recording	Yes								
Working Temp.	-40° ~ 65°C.								
Waterproof	IP66								
Vandal Proof	IK10								
Humidity	< 95%								
Power	DC12v., PoE 802af End span/Mid span								
Consumption	7 W.								
Size (mm.)	105x209.5								
Weight	1.2 Kg.								

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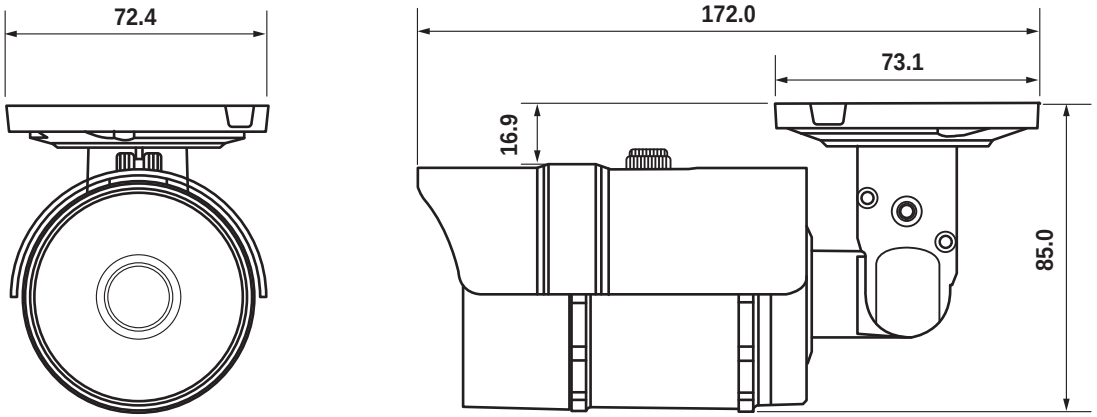
BULLET ECO

FEATURES

High performance DSP
Low lux progressive CMOS sensors
Long distance IR
Fix lens manual focus
Full metal IP66 water proof housing
H.264/MJPEG video compression
Wide Dynamic Range
Multiple streams
Real day & night, auto switch ICR filter
3DNR Noise reduction
DC and POE power, 802.3af compliant
Region of Interest (ROI)
e-PTZ
Privacy mask
Motion detection
Free CMS included
Onvif 2.4.2 and Profile S compliant
* In selected models



PRODUCT DIMENSIONS



SPECIFICATIONS

Model Name	THASM4112	THASM4212	THASM4312	THASM4512
Resolution	1.3 megapixel	2 megapixel	3 megapixel	5 megapixel
Sensor	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.5" CMOS
Max. Resolution	1280 x 960	1920 x 1080	2048 x 1536	2592 x 1920
Max. Frame Rate	30	30	21	12
Min. Illumination	0,1 Lux at F1,2			
Compression	H.264, MJPEG			
Day / Night	Yes, ICR filter with auto switch			
Lens	3,6mm. (Other lenses available)			
Type	Fix-iris, Fix focal, Manual focus			
Mount	M Type			
IR light	20m.			
WDR	Digital		120dB.	Digital
Noise Reduction	3D			
Audio	No			
Ethernet	RJ45 10 / 100 Ethernet port			
Protocols	IPv4/6, RTSP/RTP,RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X			
Compatibility	ONVIF 2.4.2, Profile S, SDK Available			
Storage	Optional			
Alarm I/O	No			
Alarms	Motion detection, Storage full, Network loss			
RS485	No			
Defogging	No			
Privacy Mask	5 areas			
NAS Recording	Yes			
Working Temp.	-40° ~ 65°C.			
Waterproof	IP66			
Vandal Proof	No			
Humidity	< 95%			
Power	DC12v., PoE 802.2af End span/Mid span			
Consumption	5 W.			
Size (mm.)	172 x 72 x 85			
Weight	0.4 Kg.			

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SPEED DOME

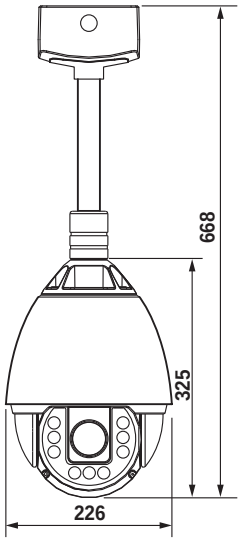
FEATURES

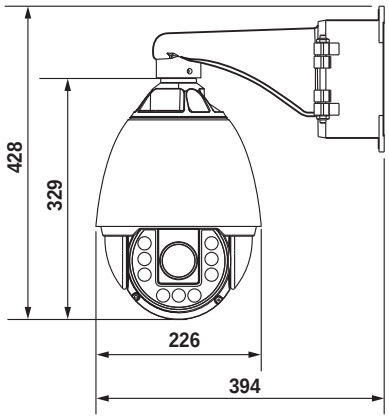
2 megapixel resolution
1920x1080 at 30fps.
HDTV in real time video
H.264 multiple streams
30X Optical Zoom / 12 Digital zoom
120dB. hardware WDR
IP66 Waterproof
Redundant and auto-recovery system
Defog feature
Pre/post even video buffer
150m. IR light*
3D privacy mask
True day and night
3D noise reduction
Motion detection, Tampering alarm
DC/AC power
-40/65°C. Working temperature
Onvif 2.4.2 / Profile S
Local storage / NAS storage
Lightning and power surge protection
Included bracket and waterproof junction box
* In selected models

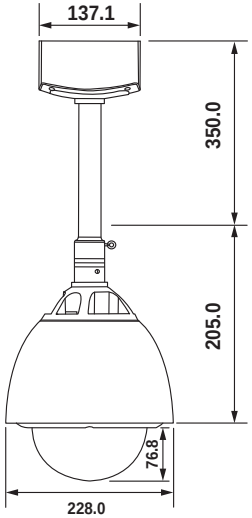


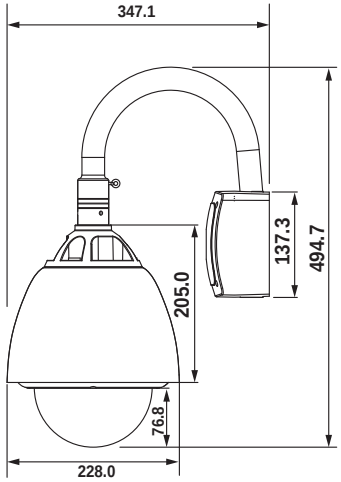


PRODUCT DIMENSIONS









SPECIFICATIONS

Model Name	THA521IR	THA521	THA521IN
Resolution	2 megapixel	2 megapixel	2 megapixel
Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080		
Max. Frame Rate	30		
Effective pixels	3,27 million		
Min. Illumination	0,1 Lux at F1,2		
Compression	H.264, MJPEG		
Zoom Factor	30X Optical zoom, 12X Digital zoom		
Lens	4,6-128mm.		
Type	Manual, Auto focus		
Day / Night	Active, passive, day, night, schedulled		
IR light	150 m.	No IR	No IR
WDR	120dB hardware WDR		
Noise Reduction	3D		
Pan / Tilt	Pan 360°endless, Tilt 180°		
Pan speed	300°/Sec.	400°/Sec.	400°/Sec.
Presets	255		
Tours	8		
Auto Scan	8		
Group	8		
Paterns	16		
Protocols	Pelco D/P		
Defogging	Yes		
Image Stabilizer	Yes		
Audio	2 way		
Ethernet	RJ45 10/100 Ethernet port		
Network Protocols	IPv4/6, RTSP/RTP/RTCP, TCP/UDP, HTTP, HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, IEEE802.X		
Compatibility	ONVIF 2.4.2 / Profile S, SDK available		
Storage	Micro SDXC 64GB.		
Alarm I/O	7/2		
RS485	Optional		

Model Name	THA521IR	THA521	THA521IN
Privacy Mask	8 areas, 3D privacy mask		
NAS Recording	Yes		
Working Temp.	-40/60°C.		
Waterproof	IP66		
Power	DC12v. 28W max. / AC24v. 65W max.		
Weight	5.91Kg. Inc. bracket	6.1Kg. Inc. bracket	3.8Kg.

* Tanz Security reserves the right to change products or specifications without notice.

NVRs

FEATURES

4-64 Channel in 2 and 5mp. recording resolution
2-8 hard drives
Linux stand alone systems
RAID
Hot swapp
Local direct display without PC requirement, up to 64 Ch. in 1080p.
1-2U rack systems
Disk On Module preloaded NVRs
ONVIF compatible
Optional redundant power







SPECIFICATIONS

Model Name	TDOM04	TDOM08	TDOM16	TDOM32	TDOM64
System	Linux 64 bit				
CPU	Intel CPU				
NVR Type	Stand Alone				
No. Channels	4	8	16	32	64
No. of HDD	—				
Hot Swapp	Supported				
Audio	2 way				
Display Interface	Dual monitor supported				
Display Resolution	1920x1080, 144x900, 1280x768, 800x600				
Window Split	1,4	1,4,8	1,4,8,16	1,4,8,16,32	1,4,8,16,32,64
OSD	Camera title, time, video loss, camera lock, motion detection, recording				
Resolution	Up to 5mp. Full channels				
Max. Recording Fps	120	240	480	960	1920
Rec. mode	Manual, Schedule, Motion detection				
Bitrate	48-8192Kbps				
Audio Rec.	G711A (64Kbps)				
Sync. playback	4	8	16	32	64
Playback Mode	Play, pause, stop, rewind, fast play, slow play, next file, previous file. Next camera, previous camera, full screen, repeat, shuffle				
Search Mode	Time, date, alarms				
Backup	USB, Network				
Trigger Event	Recording, PTZ, tour, video push, email, FTP, Buzzer, video pop-up				
Video Detection	Motion detection, alarms				
Alarm I/O	Base in hardware selection				
Privacy Mask	Yes				
Image Capture	Local snapshot, web snapshot				
Ethernet	Base in hardware selection				
POE Interface	No				
Networking	IPv4/v6, HTTP, TCP/IP/UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search				
Max. Capacity	Base in hardware selection				
RAID	Yes				
eSATA	No				
NAS Ready	Yes				
USB 2.0	Base in hardware selection				
Platform	ONVIF 2.2				
Mobile App.	Android, iOS				
Power	Base in hardware selection				
Working Temp.	Base in hardware selection				
Weight	Base in hardware selection				

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SPECIFICATIONS

Model Name	TNVRHA204	TNVRHA208	TNVRHA208P	TNVRHA216	TNVRHA232	TNVRHA832	TNVRA416	TNVRA432	TNVRA816	TNVRA832	TNVRA864
System	Linux 64 bit										
CPU	Dual Core CPU						Intel CPU				
NVR Type	Stand Alone										
No. Channels	4	8	8	16	32	32	16	32	18	32	64
No. of HDD	2	2	2	2	2	8	4	4	8	8	8
Hot Swapp	No						Yes				
Audio	2 way										
Display Interface	HDMI, VGA						Dual monitor exit				
Display Resolution	1920x1080, 144x900, 1280x768, 800x600										
Window Split	1,4	1,4,8	1,4,8	1,4,8,16	1,4,8,16,32	1,4,8,16,32	1,4,8,16	1,4,8,16,32	1,4,8,16	1,4,8,16,32	1,4,8,16,32,64
OSD	Camera title, time, video loss, camera lock, motion detection, recording										
Resolution	5mp, 3mp, 2mp, 1080p, 1mp, D1										
Max. Recording Fps	120	240	240	480	960	960	480	960	480	960	1920
Rec. mode	Manual, Schedule, Motion detection										
Bitrate	48-8192Kbps										
Audio Rec.	G711A (64Kbps)										
Sync. playback	4	8	8	16	16	16	16	32	16	32	64
Playback Mode	Play, pause, stop, rewind, fast play, slow play, next file, previous file. Next camera, previous camera, full screen, repeat, shuffle										
Search Mode	Time, date, alarms										
Backup	USB, Network										
Trigger Event	Recording, PTZ, tour, video push, email, FTP, Buzzer, video pop-up										
Video Detection	Motion detection, alarms										
Alarm I/O	Yes						No				
Privacy Mask	Yes										
Image Capture	Local snapshot, web snapshot										
Ethernet	1x 10/100 Ethernet				2x Giga Ethernet						
POE Interface	No		4 port	No							
Networking	IPv4/v6, HTTP, TCP/IP/UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search										
Max. Capacity	8TB.					32TB.	32TB.	32TB.	64TB.	64TB.	64TB.
RAID	No					Yes					
eSATA	Yes					No					
NAS Ready	No					Yes					
USB 2.0	2					Base in hardware selection					
Platform	ONVIF 2.2										
Mobile App.	Android, iOS										
Power	DC.12v						AC220v. (Optional redundant power supply in selected models)				
Working Temp.	-10/55°C.										
Weight	2Kg.						8Kg.		11Kg.		

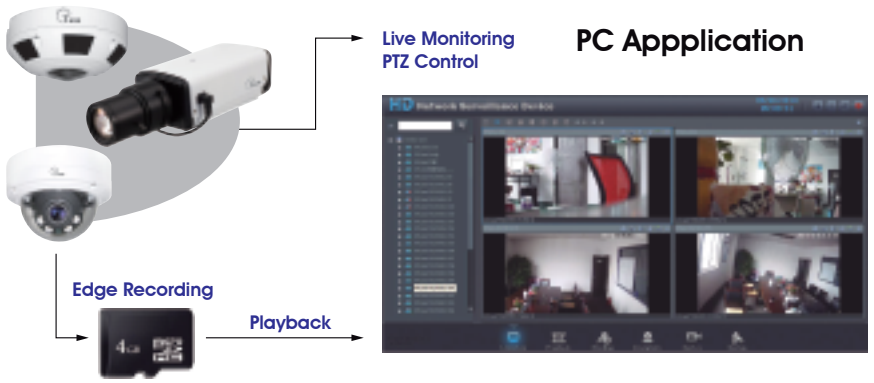
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Tanz cameras are following ONVIF open platform and Profile S standard to ensure best compatibility between the cameras and different video management software.

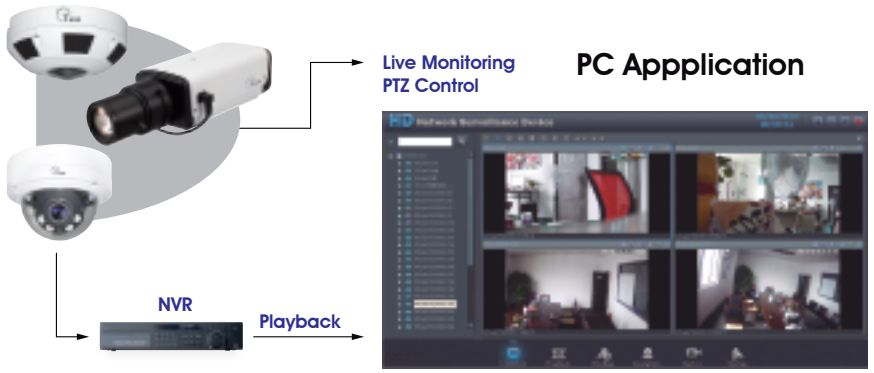
- ONVIF 2.4.2 & Profile S
- Luxriot
- Milestone
- Axxon
- Genetec
- Digifort
- Aimetis
- Nuuo
- Exacq
- Geovision
- Avigilon
- Seetec

All Tanz cameras are compatible with Internet Explorer, Firefox, Safari and Chrome browsers, and they include free ONVIF compatible CMS for the control of Tanz cameras and other ONVIF compatible cameras through computers.

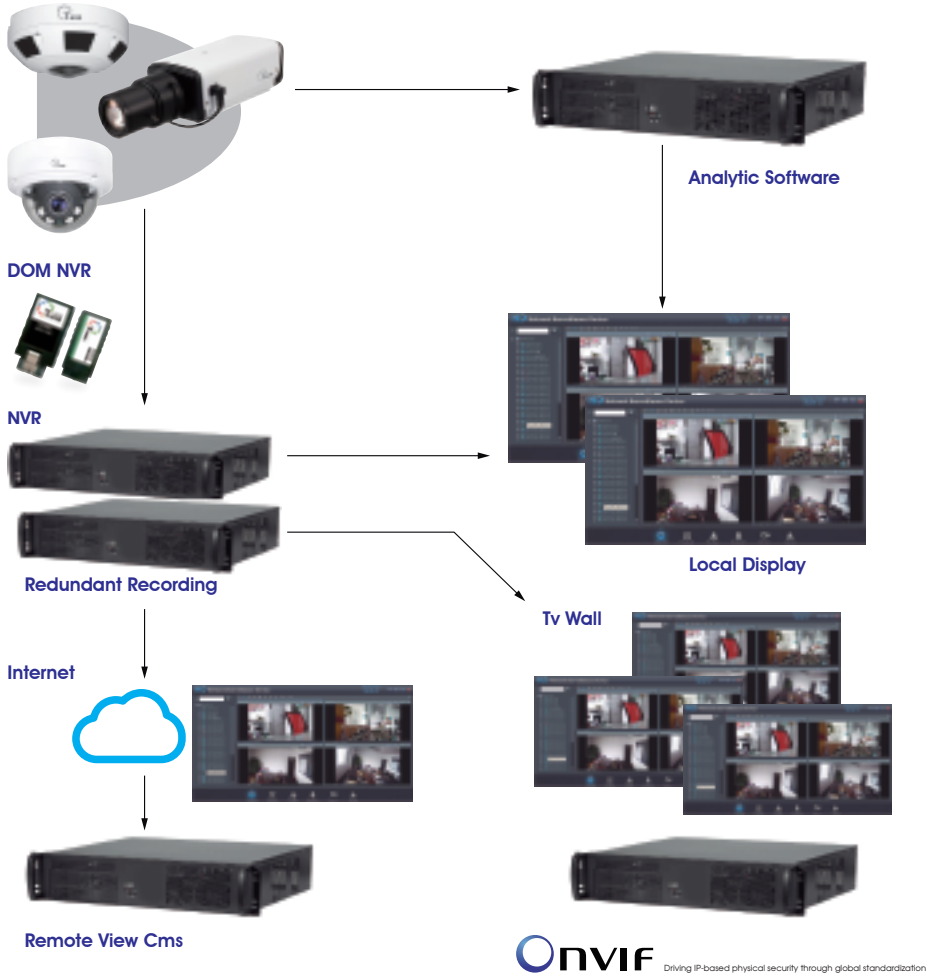
SMALL DEPLOYMENTS



MID DEPLOYMENTS



LARGE DEPLOYMENTS



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