

# SPRYNT DOME®



Sprynt Dome®	Indoor models			Outdoor models	
References	2-PTZ-FHDKI20	2-PTZ-FHDKI30	2-PTZ-FHDI30	2-PTZ-FHDKO30	2-PTZ-FHDI30
<b>Camera</b>					
Image sensor	1/3" CMOS	1/3" CMOS	1/2,8" Exmor R Sony	1/3" CMOS	1/2,8" Exmor R Sony
Effective pixels	1920x1080 (2MP)	1920x1080 (2MP)	1920x1080 (2MP)	1920x1080 (2MP)	1920x1080 (2MP)
Scanning system	Progressive	Progressive	Progressive	Progressive	Progressive
Electronic Shutter Speed	1/6 to 1/30000s	1/6 to 1/30000s	1/1 to 1/10000s	1/6 to 1/30000s	1/1 to 1/10000s
Minimum Illumination	Color (1/30s): 0.5 lux Color (1/7.5s): 0.125 lux BW (1/30s): 0.1 lux BW DSS (1/7.5s): 0.025 lux	Color (1/30s): 0.5 lux Color (1/7.5s): 0.125 lux BW (1/30s): 0.1 lux BW DSS (1/7.5s): 0.025 lux	Color: 0.01 lux (1/30 sec, 50%) BW: 0.0008 lux (1/4 sec, 1/3 sec, 30%)	Color (1/30s): 0.5 lux Color (1/7.5s): 0.125 lux BW (1/30s): 0.1 lux BW DSS (1/7.5s): 0.025 lux	Color: 0.01 lux (1/30 sec, 50%) BW: 0.0008 lux (1/4 sec, 1/3 sec, 30%)
S/N Ratio	> 50db	> 50db	> 50db	> 50db	> 50db
<b>Lens</b>					
Focal length	F= 4.7 mm to 94 mm	F= 4.3 mm to 129mm	F= 4.3 mm to 129mm	F= 4.3 mm to 129mm	F= 4.3 mm to 129mm
Aperture	F1.6 to F4.7	F1.6 to F4.7	F1.6 to F4.7	F1.6 to F4.7	F1.6 to F4.7
Angle of view	55.4° to 2.9°	58.9° to 2.1°	63.7° to 2.3°	58.9° to 2.1°	63.7° to 2.3°
Optical zoom	20x	30x	30x	30x	30x
Focus control	One push/Auto/Manual	One push/Auto/Manual	One push/Auto/Manual	One push/Auto/Manual	One push/Auto/Manual
<b>PTZ</b>					
Pan / Tilt range	Pan : 360° endless / Tilt : 360° endless				
Dynamic Manual speed control	0,5°/s to 94°/s				
Preset speed	180°/s				
Presets	100				
PTZ mode	1 pattern, 3 tours				
Motorization	Brushless				
<b>Intelligence</b>					
Advanced PTZ functions	Smart control (relative PTZ, map positioning)				
Motion detection	✓	✓	✓	✓	✓
<b>Video</b>					
Compression	H.264/H.265 High Profile - JPEG				
Streaming capability	RTSP / snapshot JPEG				
Resolution	1920x1080, 1280x720, 640x360				
Frame rate	Up to 60 fps - 1080p				
Day/night	✓				
Backlight Compensation	OFF / WDR / BLC				
White Balance	Auto / One Push / Manual / Indoor / Outdoor	Auto / One Push / Manual / Indoor / Outdoor	Auto, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp (Fix / Auto / Outdoor Auto)	Auto / One Push / Manual / Indoor / Outdoor	Auto, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp (Fix / Auto / Outdoor Auto)
Gain Control	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
DNR : Digital Noise Réduction	✓	✓	✓	✓	✓
Motion detection	✓	✓	✓	✓	✓
Electronic Image stabilization (EIS)	✓	✓	✓	✓	✓
Defog	✓	✓	✓	✓	✓
Flip	Continuous tilt control	Continuous tilt control	Continuous tilt control	Continuous tilt control	Continuous tilt control
Privacy masking	12	12	12	12	12
<b>Network</b>					
Ethernet	RJ45 (100Mbps)				
Protocol	TCP, UDP, HTTP				
Max. user access	10				
Micro SD card slot	✓				
Web viewer	Firefox, Chrome, IE, Edge, Safari				
Interoperability & system integration	ONVIF, WebAPI (available on demand)				
Management software	PrynDiscovery, PrynVision®, DigiPryn®				
<b>General</b>					
Power supply	PoE	PoE	PoE	24VAC	24VAC
Power Consumption	<10W	<10W	<11W	<10W (33W heater on)	<11W (34W heater on)
Operating conditions	0°C / +40°C	0°C / +40°C	0°C / +40°C	-20°C / +50°C	-20°C / +50°C
Resistance (ingress / vandal)	IP 66 / IK 10	IP 66 / IK 10	IP 66 / IK 10	IP 66 / IK 10	IP 66 / IK 10
Mechanical system noise	Soundless	Soundless	Soundless	Soundless	Soundless
Casing	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Sun visor	-	-	-	Included	Included
Weight	2750 g	2750 g	2750 g	3075 g	3075 g
Dimensions	Ø217mm x 253mm	Ø217mm x 253mm	Ø217mm x 253mm	Ø249mm x 253mm	Ø249mm x 253mm
Dome	Smoked	Smoked	Smoked	Clear	Clear
Certifications	CE/FCC/EAC/CSA	CE/FCC/EAC/CSA	CE/FCC/EAC/CSA	CE/FCC/EAC/CSA	CE/FCC/EAC/CSA
Warranty	3 years	3 years	3 years	3 years	3 years