

**PTZOptics PTZ-robot kamerák  
összehasonlító táblázata**

Parameters/Types		Link 4K	Move 4K	Move 4 SE
Image Sensor & Lens	Video Sensor	<b>12x:</b> 1/1.8 inch, Sony CMOS, eff pixels 8,51M <b>20X and 30X:</b> 1/1,8,Sony CMOS, eff pixels 8,42M	<b>12x:</b> 1/1.8 inch, Sony CMOS, eff pixels 8,51M <b>20X and 30X:</b> 1/1,8,Sony CMOS, eff pixels 8,42M	1/2.8", SONY CMOS, Effective Pixel: 2.07M
	Lens	<b>12x:</b> f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6 <b>20x:</b> f = 6.25mm ~ 125mm, F1.58 ~ F3.95 <b>30x:</b> f = 7.1mm ~ 210mm, F1.61 ~ F5.19	<b>12x:</b> f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6 <b>20x:</b> f = 6.25mm ~ 125mm, F1.58 ~ F3.95 <b>30x:</b> f = 7.1mm ~ 210mm, F1.61 ~ F5.19	<b>12x:</b> f = 4.1mm ~ 49.2mm, F1.8 ~ F2.68 <b>20x:</b> f = 4.42mm ~ 88,5mm, F1.8 ~ F2.8 <b>30x:</b> f = 4,42mm ~ 132,6mm, F1.8 ~ F2,8
	Lens (35mm Equivalencies)	<b>12x:</b> 25mm ~ 299mm, F1.8 ~ F2.6 <b>20x:</b> 31mm ~ 589mm, F1.58 ~ F3.95 <b>30x:</b> 32mm ~ 825mm, F1.61 ~ F5.19	<b>12x:</b> 25mm ~ 299mm, F1.8 ~ F2.6 <b>20x:</b> 31mm ~ 589mm, F1.58 ~ F3.95 <b>30x:</b> 32mm ~ 825mm, F1.61 ~ F5.19	
	Resolution and Frame Rate	<b>HDMI:</b> <b>3840x2160p-60 - 1280x720p-60</b> <b>SDI:</b> 1920x1080p-60- 1280x720p-60	<b>HDMI:</b> <b>3840x2160p-60 - 1280x720p-60</b> <b>SDI:</b> 1920x1080p-60- 1280x720p-60	<b>HDMI:</b> <b>1080p-60 - 720p-60/50</b> <b>SDI:</b> <b>1080p-60 - 720p-60/50</b>
	Digital Zoom	OFF, 2,3,4,8, 16	OFF, 2,3,4,8, 16	OFF, 2,3,4,8, 16
	Field of View	<b>12x:</b> Horizontal: 6.9° (tele) ~ 72.5° (wide), Vertical: 3.9° (tele) ~ 44.8° (wide) <b>20x:</b> Horizontal: 3.5° (tele) ~ 60.7° (wide), Vertical: 1.9° (tele) ~ 34.1° (wide) <b>30x:</b> Horizontal: 2.5° (tele) ~ 59.2° (wide), Vertical: 1.4° (tele) ~ 34.6° (wide)	<b>12x:</b> Horizontal: 6.9° (tele) ~ 72.5° (wide), Vertical: 3.9° (tele) ~ 44.8° (wide) <b>20x:</b> Horizontal: 3.5° (tele) ~ 60.7° (wide), Vertical: 1.9° (tele) ~ 34.1° (wide) <b>30x:</b> Horizontal: 2.5° (tele) ~ 59.2° (wide), Vertical: 1.4° (tele) ~ 34.6° (wide)	<b>12x:</b> Horizontal: 6.9° (tele) ~ 72.5° (wide), Vertical: 3.9° (tele) ~ 44.8° (wide) <b>20x:</b> Horizontal: 3.5° (tele) ~ 60.7° (wide), Vertical: 1.9° (tele) ~ 34.1° (wide) <b>30x:</b> Horizontal: 2.3° (tele) ~ 60,7° (wide), Vertical: 1.28° (tele) ~ 34.1° (wide)
	Display Field of View	<b>12x:</b> 82.8° <b>20x:</b> 66.6° <b>30x:</b> 66.7°	<b>12x:</b> 82.8° <b>20x:</b> 66.6° <b>30x:</b> 66.7°	<b>12x:</b> 85.2° <b>20x:</b> 69.6° <b>30x:</b> 69.6°
	Min. Lux	0.5 Lux @ (F1.8, AGC ON)	0.5 Lux @ (F1.8, AGC ON)	0.5 Lux @ (F1.8, AGC ON)
	Shutter	1/30s ~ 1/10000s	1/30s ~ 1/10000s	1/30s ~ 1/10000s
	Pan/Tilt Movement	Pan Movement	±170°	±170°
Pan Speed		1.7°/s ~ 100°/s	1.7°/s ~ 100°/s	1.7°/s ~ 100°/s
Tilt Movement		-30° ~ +90°	-30° ~ +90°	-30° ~ +90°
Tilt Speed		1.7°/s ~ 69.9°/s	1.7°/s ~ 69.9°/s	1.7°/s ~ 69.9°/s
Presets		255 Presets	255 Presets	255 Presets
Presets accuracy		0,1 <sup>0</sup>	0,1 <sup>0</sup>	0,1 <sup>0</sup>
Video Tracking		Supported	Supported	Supported
Power Options	Image Flip, Mirror and Freeze	Supported	Supported	Supported
	Power Supply	DC 12V / PoE+ (802.3at)	DC 12V / PoE+ (802.3at)	DC 12V / PoE (802.3af)
Physical Specifications	Input Power	18W (Max)	18W (Max)	2A (Max)
	Material	Aluminum, Plastic	Aluminum, Plastic	Aluminum, Plastic
	Color	White and Black	White and Gray	White and Gray
	Dimensions (W x D x H)	<b>12x and 20x:</b> 141.5mm x 151mm x 176mm (201mm with tilt up) <b>30x:</b> 170 x 181 x 228 mm	<b>12x and 20x:</b> 168.4 x 141.5 x 164.5 mm <b>30x:</b> 170 x 181 x 228 mm	169 x 142 x 164 mm
	Weight	<b>12x and 20x:</b> 1.47 kg <b>30x:</b> 2.0 kg	<b>12x and 20x:</b> 1.47 kg <b>30x:</b> 2.0 kg	1.445 kg
	Working Environment	Indoor	Indoor	Indoor
	Operating Temperature	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
	Storage Temperature	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C

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Rear Board Connectors	HD Video Output	1x <b>RJ45</b> : 1 Gb Adaptive Ethernet Port 424M standard	1x <b>RJ45</b> : 1 Gb Adaptive Ethernet Port 424M standard	1x RJ45: 10/100 Adaptive Ethernet Port
		1x <b>HDMI</b> : version 2.0	1x <b>HDMI</b> : version 2.0	1x HDMI: version 1.3
		1x <b>USB 2.0</b> : type A	1x <b>USB 2.0</b> : type A	1x USB 3.0 Type C
		1x <b>3G-SDI</b> : BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M standard	1x <b>3G-SDI</b> : BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M standard	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, along to SMPTE 424M standard
	Audio Interface	1x 3.5mm Line level Input	1x 3.5mm Line level Input	1x 3.5mm Line level Input
		1x 3.5mm Line level Output	1x 3.5mm Line level Output	1x 3.5mm Line level Output
	Communication Interface	1x <b>8 pin Mini-din RS232 input</b> , Max distance: 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>8 pin Mini-din RS232 input</b> , Max distance: 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>8 pin Mini-din RS232 input</b> , Max distance: 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P
		1x <b>8 pin Mini-din RS232 output</b> , Max distance 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>8 pin Mini-din RS232 output</b> , Max distance 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>8 pin Mini-din RS232 output</b> , Max distance 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P
		1x <b>2 pin Phoenix port</b> , RS485 input / output, Max distance 3,937ft / 1200m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>2 pin Phoenix port</b> , RS485 input / output, Max distance 3,937ft / 1200m, protocol: VISCA / Pelco-D / Pelco-P	1x <b>2 pin Phoenix port</b> , RS485 input / output, Max distance 3,937ft / 1200m, protocol: VISCA / Pelco-D / Pelco-P
	IR	4x IR addresses, max distance 30ft / 9m	4x IR addresses, max distance 30ft / 9m	4x IR addresses, max distance 30ft / 9m
Network Interface	RJ45: 1 Gb Adaptive Ethernet Port, supports PoE+ (802.3at)	RJ45: 1 Gb Adaptive Ethernet Port, supports PoE+ (802.3at)	RJ45: 10/100M Adaptive Ethernet Port, supports PoE (802.3af)	
Power Jack	JEITA type (DC IN 12V)	JEITA type (DC IN 12V)	JEITA type (DC IN 12V)	