

Network PTZ Camera - Value Series

	Indoor PTeZ™		Indoor IR	Outdoor IR	
Model	DS-2DE2103-DE3/W	DS-2DE22021-DE3/W	DS-2DE5184-AE3	DS-2DE5174-AE	DS-2DE7184-AE
	 (1.0 MP)	 (2.0 MP)	 (2.0 MP)	 (1.3 MP)	 (2.0 MP)
Image Sensor	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.1 @ f/2.0 B/W: 0.01 @ f/2.0	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.05 @ f/1.4 B/W: 0.01 @ f/1.4	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6, 0 with IR
Lens	3.6 to 11 mm, 3x (effective) <sup>5</sup> via PTeZ™	3.6 to 8.6 mm, 2x (effective) <sup>5</sup> via PTeZ™	4.7 to 94 mm	4.7 to 94 mm	4.7 to 94 mm
Horizontal Angle of View	80° to 33°	80° to 64.5°	58.3° to 3.2°	58.3° to 3.2°	58.3° to 3.2°
Optical Zoom	3x	2x	20x	20x	20x
Pan Range	0° to 350°	0° to 350°	360° endless	360° endless	360° endless
Tilt Range	0° to 90° (auto flip)	+5° to 90°	+5° to 90° (auto flip)	-5° to 90° (auto flip)	-15° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 80°/sec.	Pan: 0.1° to 60°/sec. Tilt: 0.1° to 50°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 100°/sec. Tilt: 80°/sec.	Pan: 50°/sec. Tilt: 50°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (meters)	---	20	---	---	Up to 100
Smart Features	Basic Smart Suite <sup>2</sup>	Basic Smart Suite <sup>2</sup>	Basic Smart Suite <sup>2</sup>	Basic Smart Suite <sup>2</sup>	Basic Smart Suite <sup>2</sup>
Presets/Tours/Patterns	300/0/0	300/0/0	300/8/4	300/8/4	300/8/4
Wireless	IEEE 802.11b/g/n	IEEE 802.11b/g/n	---	---	---
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max. Image Resolution (pixels)	1280 × 720	1920 × 1080	1920 × 1080	1280 × 960	1920 × 1080
Frame Rate (fps)	25 @ 1280 × 720	25 @ 1920 × 1080	25 @ 1280 × 960, 1280 × 720	25 @ 1280 × 960, 1280 × 720	25 @ 1920 × 1080, 1280 × 960, 1280 × 720
Local Storage	MicroSD, 128 GB max. <sup>3</sup>	MicroSD, 128 GB max. <sup>3</sup>	MicroSD, 128 GB max. <sup>3</sup>	MicroSD, 128 GB max. <sup>3</sup>	MicroSD, 128 GB max. <sup>3</sup>
Other features	---	---	IP66, IK10	IP66/IK10	---
Operating Conditions (max.)	-10° C to 50° C, humidity 90% (non-condensing)	-10° C to 50° C, humidity 90% (non-condensing)	-10° C to 50° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)
Power Requirements (max.)	12 VDC, PoE (802.3af), 7 W	PoE (802.3af) and 12 VDC, 9 W	24 VAC, PoE+ (802.3at), 14 W	24 VAC, PoE+ (802.3at), 14 W	24 VAC, PoE+ (802.3at), 14 W

<sup>2</sup>Basic Smart Suite: Line Crossing Detection, Intrusion Detection  
<sup>3</sup>Firmware v 5.3 and later

<sup>5</sup>PTeZ™ cameras have a sensor-based zoom