

# IP CAMERA COMPARISON CHART



Levels	VALUE EXPRESS	VALUE	PERFORMANCE	PROFESSIONAL	
<b>Key Features</b>	<ul style="list-style-type: none"> <li>• Entry-level budget cameras</li> <li>• 2 and 4 MP models</li> <li>• Fixed and varifocal lenses and PTZs</li> <li>• New numbering scheme</li> <li>• Matching 4- and 8-channel NVRs</li> </ul>	<ul style="list-style-type: none"> <li>• A step up without stretching the budget</li> <li>• Uses the latest video compression (H.265+)</li> <li>• Multiple resolutions available</li> <li>• Multiple lens sizes, includes varifocal</li> <li>• Latest EXIR 2.0 IR technology</li> </ul>	<ul style="list-style-type: none"> <li>• Our most popular cameras</li> <li>• Models include all form factors</li> <li>• Integrates well with Pro and Plug and Play NVRs</li> <li>• ColorVu (2xx7) 24/7 color imaging</li> <li>• AcuSense (2x46) human and vehicle detection</li> </ul>	<ul style="list-style-type: none"> <li>• High performance, fully-loaded project cameras</li> <li>• Wider field of view with f/1.2 lens; unique rapid auto-focus</li> <li>• Unique anti-reflection dome with anti-fog lens cover</li> <li>• Up to 10 video streams share video at multiple locations</li> </ul>	<ul style="list-style-type: none"> <li>• All the same high performance specs as 5 Series</li> <li>• Deep Learning video analysis</li> <li>• Human and vehicle detection</li> <li>• Advanced face-capture capability</li> <li>• Best cameras for DeepinMind NVRs</li> </ul>
<b>Series</b>	ECI	2xx3	2xx5 ColorVu 2xx7 AcuSense 2x46	5 Series	DeepinView 7 Series
<b>Image Quality</b>	2 MP: 0.028 Lux, Digital WDR 4 MP: 0.018 Lux, 120 dB True WDR	2 MP: 0.028 Lux 4/6 MP: 0.018 Lux 120 dB True WDR	2 MP: 0.008 Lux – 0.0035 Lux (2xx7) 4 MP: 0.009 Lux – 0.0014 Lux (2xx7) 4 MP: 0.009 Lux – 0.012 Lux (2x46) 5 MP: 0.027 Lux 6/8 MP: 0.016 Lux Powered by DarkFighter 120 dB True WDR	2/4 MP: Color: 0.002 Lux 6/8/12 MP: Color: 0.009 Lux 2/4 MP DarkFighter: 120 dB True WDR 2/4 MP: 140 dB WDR	2/4 MP: Color: 0.002 Lux 6/8/12 MP: Color: 0.007 Lux 2/4 MP DarkFighter: 120 dB True WDR 2/4 MP: 140 dB WDR
<b>Max Resolution</b>	4 MP	6 MP	8 MP	12 MP	8 MP
<b>Codec</b>	H.265+	H.265+	H.265+	H.265+	H.265+
<b>Video Content Analysis</b>	---	3 VCA Line Crossing, Intrusion, Face Detection	5 VCA Includes Value VCA plus, Object Removal, Unattended Baggage	10 VCA Includes Performance VCA plus, Entry and Exit Detection, Scene Change, Audio Exception, Defocus	10 VCA Includes 5 series VCA plus Human/Vehicle/Face detection with Deep Learning GPU
<b>Multiple Streams</b>	2	3	3	10	10
<b>Max Frame Rate</b>	30 fps	30 fps	2 MP @ 60 fps (2xx5) 2 MP @ 30 fps (2xx7)	2 MP @ 60 fps	2 MP @ 60 fps
<b>EXIR 2.0 Range Max (meters)</b>	EXIR, 30	30	8/10/30/50 (2xx7 White Light)	10/30/50	30/50/100
<b>Power Output for PIR, Sensors, Microphones</b>	---	---	2xx7 includes white light 2x46 includes strobe light and alarm (SL models)	✓	✓
<b>Electric Image Stabilization/Defog</b>	---	---	---	✓	✓
<b>Temperature Range</b>	-30° C to 50° C (-22° F to 122° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F) Outdoor models with heaters only	-40° C to 60° C (-40° F to 140° F) Outdoor models with heaters only