IP CAMERA COMPARISON CHART

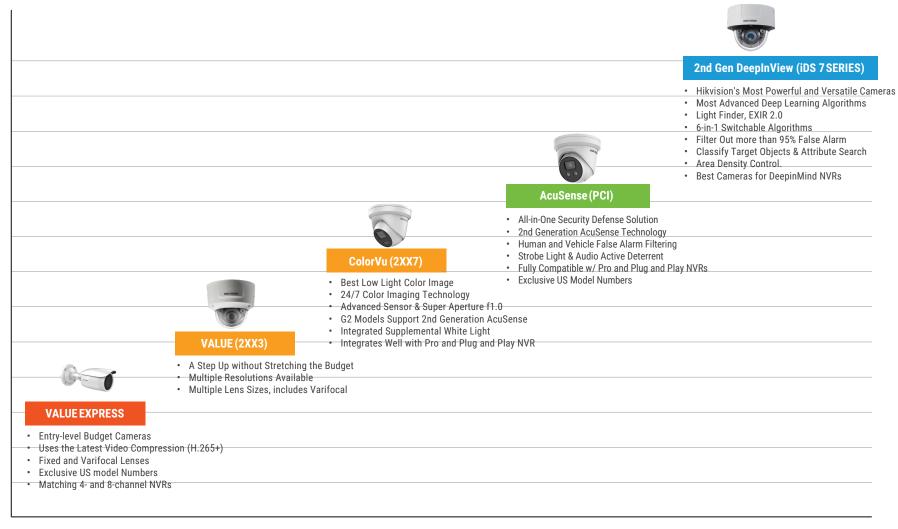**HIKVISION**

Levels	VALUE EXPRESS	VALUE		PERFORMANCE	PROFESSIONAL
Key Features	• Entry-level Budget Cameras • Uses the Latest Video Compression (H.265+) • Fixed and Varifocal Lenses • Exclusive US model Numbers • Matching 4- and 8-channel NVRs	• A Step Up without Stretching the Budget • Multiple Resolutions Available • Multiple Lens Sizes, includes Varifocal	• Best Low Light Color Image • 24/7 Color Imaging Technology • Advanced Sensor & Super Aperture f1.0 • G2 Models Support 2nd Generation AcuSense • Integrated Supplemental White Light • Integrates Well with Pro and Plug and Play NVRs	• All-in-One Security Defense Solution • 2nd Generation AcuSense Technology • Human and Vehicle False Alarm Filtering • Strobe Light & Audio Active Deterrent • Fully Compatible w/ Pro and Plug and Play NVRs • Exclusive US Model Numbers	• Hikvision's Most Powerful and Versatile Cameras • Most Advanced Deep Learning Algorithms • Light finder, EXIR 2.0 • 6-in-1 Switchable Algorithms • Filter out more than 95% false alarm • Classify target objects & attribute search • Area density control. • Best cameras for DeepinMind NVRs
Series	ECI	2xx3	ColorVu 2xx7	2nd Gen AcuSense PCI	2nd Gen DeepinView iDS 7 Series
Image Quality	2 MP: 0.028 Lux, Digital WDR 4 MP: 0.018 Lux, 120 dB True WDR	2 MP: 0.028 Lux 4 MP: 0.018 Lux 6/8 MP: 0.028 Lux 120 dB True WDR	4 MP: 0.0014 Lux 8 MP: 0.0005 Lux 120dB(G1) / 130 dB(G2) True WDR	2 MP: 0.002 Lux 5 MP: 0.003 Lux 8 MP: 0.003 Lux Powered by DarkFighter, 120 dB True WDR	4 MP: Color: 0.001 Lux 12 MP: Color: 0.009 Lux 4 MP: 140 dB True WDR DarkFighter Technology
Max Resolution	4 MP	8 MP	8 MP	8 MP	12 MP
Codec	H.265+	H.265+	H.265+	H.265+	H.265+

Video Content Analysis

	VALUE EXPRESS	VALUE (2xx3)	VALUE (ColorVu 2xx7)	PERFORMANCE	PROFESSIONAL
Motion Detection	√	√	√	√	√
Line Crossing	---	√	√	√	√
Intrusion	---	√	√	√	√
Object Removal	---	---	√ (G1 only)	√	√
Unattended Baggage	---	---	√ (G1 only)	√	√
Region Entrance Detection	---	---	√	√	√
Region Exiting Detection	---	---	√	√	√
Scene Change	---	---	√	√	√
Audio Exception	---	---	---	√	√
Defocus	---	---	---	---	√
Face Detection	√	√	√	Advanced Face Capture	Human & Vehicle Recognition Attribute Classification
Human/Vehicle Detection	---	---	Advanced (G2 only)	Advanced	Human & Vehicle Attribute Search
People Counting	---	---	---	---	√
Hard Hat Detection	---	---	---	---	√
Queue Management	---	---	---	---	√

	VALUE EXPRESS	VALUE (2xx3)	VALUE (ColorVu 2xx7)	PERFORMANCE	PROFESSIONAL
Build-in Audio Alarm & Strobe Light	---	---	---	√ (SL model)	---
Multiple Streams	2	3	3	4	10
Max Frame Rate	30 fps	30 fps	30 fps	2 MP @ 60 fps	2 MP @ 60 fps
EXIR 2.0 Range Max (meters) / Supplement Light	30	30 / 50 (Long Bullet/VF)	30 / 40 (White Light)	40 / 60 (VF)	30 / 50 / 100
Power Output for PIR, Sensors, Microphones	---	---	---	12V DC, 0.1A (Fix lens, non-SL models)	12V DC, 0.2A (Indoor & -Y models only)
Electric Image Stablization/ Defog	---	---	---	---	√
Anti-Corrosion Coating	---	---	---	---	√ (-Y mondels only)
Temperature Range	-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)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F) Outdoor models with heaters (-H) only

HIKVISION

2nd Gen DeepInView (iDS 7 SERIES)

- Hikvision's Most Powerful and Versatile Cameras
- Most Advanced Deep Learning Algorithms
- Light Finder, EXIR 2.0
- 6-in-1 Switchable Algorithms
- Filter Out more than 95% False Alarm
- Classify Target Objects & Attribute Search
- Area Density Control
- Best Cameras for DeepinMind NVRs

AcuSense (PCI)

- All-in-One Security Defense Solution
- 2nd Generation AcuSense Technology
- Human and Vehicle False Alarm Filtering
- Strobe Light & Audio Active Deterrent
- Fully Compatible w/ Pro and Plug and Play NVRs
- Exclusive US Model Numbers

ColorVu (2XX7)

- Best Low Light Color Image
- 24/7 Color Imaging Technology
- Advanced Sensor & Super Aperture f1.0
- G2 Models Support 2nd Generation AcuSense
- Integrated Supplemental White Light
- Integrates Well with Pro and Plug and Play NVR

VALUE (2XX3)

- A Step Up without Stretching the Budget
- Multiple Resolutions Available
- Multiple Lens Sizes, includes Varifocal

VALUE EXPRESS

- Entry-level Budget Cameras
- Uses the Latest Video Compression (H.265+)
- Fixed and Varifocal Lenses
- Exclusive US model Numbers
- Matching 4- and 8-channel NVRs

PERFORMANCE