



Contrast's LUX 4K camera system is equipped with the same patented **amp** HDR technology as the ARC, but with three sensors, it captures even more data and details, instantly. What's more exciting is its ability to stream live video directly to a 4K HDR TV, providing exceptional detail even in the most demanding lighting conditions. This makes our LUX HDR camera the ideal imaging solution for a wide range of industries and applications.



HDR. LIVE.

More data. More details. Instantly. To put **amp's** remarkable technology into perspective, the human eye can see over 20 stops of dynamic range while a typical consumer camera captures about 7 stops. High-end professional cameras may capture as much as 13 stops of dynamic range with post processing, but this is still hundreds of times less light range than your eye can see. The LUX 4K HDR camera system can stream nearly 18 stops of dynamic range on demand, almost achieving the same depth and brilliance of what you experience with your own eyes.



SOLUTIONS

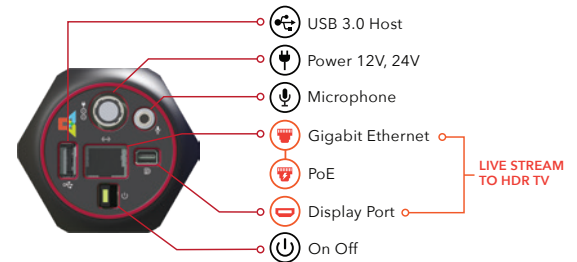


- AUTONOMOUS
- BROADCAST
- MILITARY

- PROCESS CONTROL
- DRONE AND ROV
- INSPECTION
- REAL ESTATE
- HIGH-SPEED IMAGING
- SURVEILLANCE
- IMAGE DETECTION
- METROLOGY
- MEDICAL
- COMMERCIAL
- PHARMACEUTICAL
- FOOD AND BEVERAGE
- IMAGE PROCESSING DEVELOPMENT
- ACQUISITION TRACKING AND POINTING

SOFTWARE

- Web browser-based camera setup
- Ability to define and record camera presets
- Auto-discovery of cameras on network
- Simple Application Programming Interface (API)
- Linux Board Support Package (BSP)
- Multi-camera management network suite
- Live streaming via Gigabit Ethernet or Display Port
- Live streaming to HDR TV
- On-the-fly access to 5 TMO's
- Proprietary noise reduction
- Auto or manual white balance
- Exposure, Gamma and Gain control
- Brightness, Sharpness and Saturation control



SPECIFICATIONS

Specifications are subject to change.

Active Resolution	4912 x 3684 (4K Cinema Resolution)
Resolution	4K24, 4K30, 1080p30, 1080p60, 1080p120, 720p60, 720p120, 720p240
Lens Mount	C-Mount
Output	Gigabit Ethernet, USB 3.0 Host, Mini Display Port
Power Supply	12V, 24V, Power over Ethernet (PoE)
Power Consumption	5-20W

Mechanical	2.5H x 4.6L x 2.8W inches (does not include lens)
Weight	11lb
Interface	Browser based GUI
Software	Software Development Kit (SDK) allows for customization
Dynamic Range	Nearly 18 Stops
Focal Length	Application specific, inquire for focal length
HDR TV / Monitor	Live, Streaming Output