

Visual Camera requirements

Active Pixel Resolution: no less than 1920 x 1080

Frame rate: 60hz at 1920x1080, non-interlaced (progressive)

Interface: HD-SDI, BNC connector

Iris control: Auto

Power: 5v or 12v or 28v DC

Dynamic Range: High or ("Wide" per industry standard)

White Balance Capability: Manual

Sensitivity: 1 lux or less

Operating Temp: 120F or greater

Form Factor: Small < 3" square

IR (Thermal) Camera requirements

Active Pixel Resolution: no less than 640 x 480 but not exceeding 640 x 512 for output. ITAR limit

Frame rate: 30hz non-interlaced (progressive), ITAR limit

Interface: Analog - NTSC format, Digital - CameraLink

Non uniformity correction & calibration capability: Yes, any method.

Power: 5v or 12v or 28v DC

Dynamic Range: High or ("Wide" per industry standard)

Responsive Wavelength: 8-14 um

Operating Environment Temp: no less than 120F

Form Factor: Small < ~ 4" square

Field-of-View: Horizontal - 30 to 40 degrees