6k resolution and 142 kHz line rate

The Piranha HS 6k camera with a maximum line rate of 142 kHz is the newest member of the HS family of high sensitivity line scan cameras.

The HS 6k camera is capable of bidirectional operation with up to 256 stages of selectability, while preventing overexposure with antiblooming features. Camera configuration is flexible and all software is controllable.
Notes:
1) Imaging area aligned in X-Y with respect to datums B and C.
2) Rotation of the CCD imaging area is ±0.5 degrees.
3) Lenses mount position with respect to imaging area: X-Y ±0.175 MM.
4) Imaging area position tolerances are to be determined.
5) Units: MM.

Piranha HS-S0-06K80-00-R
High Sensitivity Line Scan Cameras

---

**HS-S0-06K80-R Spectral Responsivity & Quantum Efficiency**

*Settings 0 dB gain and 8-bit*