

## PHANTOM CAMERA DETAILS

### Phantom Flex4K



The Phantom Flex4K produces highly detailed 4K imaging at 1,000 fps. The CineMag recording media enhances workflow capabilities.

- 938 fps at 4096 x 2304
- Super 35mm Color Sensor:
- ISO 250
- Rec. EI 800 - 1000
- 128 GB RAM
- 3G-SDI Video Outputs
- Dual-link 4K
- Dual-SDI support
- Battery Mounts Available:
- V-Lock
- On-Camera Menu System
- Remote Control options
- CineStation IV includes 10Gb Ethernet
- Cine Raw file format

## Phantom VEO4K PL-RLS



The Phantom VEO4K PL-RLS produces highly detailed 4K imaging at 1,000 fps in a rugged and compact housing. Features include access to Cfast 2.0 recording media and the connections necessary to accommodate media production needs.

- 938 fps at 4096 x 2304
- Super 35mm sensor with ISO Ratings:
- Color 320 T (rolling shutter)
- Exposure Index: 800 - 1000 color
- 72GB RAM
- SDI and HDMI video outputs
- Includes S-Model features:
  - CFast 2.0 media
  - 12V battery input
  - On-camera controls
- PL Mount Included
- Optical Low Pass Filter (OLPF) included
- Programmable I/O
- 10Gb Ethernet Option
- Cine Raw file format

## Phantom Flex 2K



- Up to 2,570 fps at 1920x1080 in Standard Mode
- 12-bit pixel depth
- 1200 ISO (measured using ISO 12232 SAT method)
- HQ Mode provides ultimate in image stability under changing shooting conditions
- Phantom CineMag compatible, CineMag interface has field-replaceable pin array
- 2 x 4:2:2 HD-SDI video ports, can be configured as dual-link 4:4:4 video (4:4:4 not available at 60fps video formats)
- Global, electronic shutter to 1  $\mu$ s (shutter angles in HQ mode dependent upon frame rate and resolution)
- Internal mechanical shutter for hands-free and remote Current Session References
- On-camera controls for camera modes, settings, playback, edit & save
- Frame synchronisation to external signal, allows multiple cameras to be synchronised - essential for stereo 3D recording
- External trigger signal on camera connector panel and both 12VDC power ports