

OVERVIEW

The Phantom 65 Gold is the only 4K Digital Cinema camera in the world capable of frame rates in excess of 140fps. It has a 4096x2440 sensor that is the same size as a 65mm film negative, so it achieves 65mm depth-of-field and field-of-view. It is physically compatible with a variety of 35mm motion picture accessories. The camera boasts excellent dynamic range and a high sensitivity (ISO 500) making it useful even under normal lighting conditions.

TECHNICAL DATA

Frame Rate and Recording Times

The times are based on a Phantom HD Gold set to 14-bit with 16GB internal RAM and 256GB CineMag at the maximum frame for the resolution, playback times are based on 25fps.

2048×2048 550fps 4.1 Secs 2298 frames PB 1' 32"
2048×1152 980fps 4.1 Secs 4085 frames PB 2' 43"
1920×1080 1050fps 4.1 Secs 4353 frames PB 2' 54"
1280×720 1570fps 4.1 Secs 6537 frames PB 4' 21"
720×576 1950fps 4.1 Secs 8171 frames PB 5' 26"

Run/Stop to CineMag

2048×2048 238fps 3'31" 50,355 frames
2048×1152 420fps 3'31" 89,520 frames
1920×1080 450fps 3'31" 95,488 frames
1280×720 680fps 3'31" 143,232 frames
720×576 847fps 3'31" 179,040 frames

Phantom Gold Weights

Phantom Gold Body Weight no accessories: 5.9 Kg
Phantom Gold Body Weight with CineMag I: 7.0 Kg
Phantom Gold Weight with CineMag I, VF, Bridge Plate, Power Box: 9.3 Kg
CineMag I: 1.1 kg
CineMag II: 0.6Kg