

Vision Research Enhances Phantom v-Series High-Speed Camera Line with Upgraded Models

Phantom v211, v311, v611 and v711 Offer New Packaging, Improved Control Features

We listened to you and we have enhanced our Phantom[®] v-Series line of 1 megapixel, high-speed digital cameras with the introduction of four upgraded models—the v211, v311, v611, and v711. The cameras, which include the same key specifications as earlier versions, are lighter in weight, more compact, and offer additional on-camera and connectivity controls.

Vision Research designed the new line of Phantom cameras with flexibility and versatility at the forefront. Smaller and lighter weight than previous models, the cameras are housed in a white body that helps keep them cooler when shooting in direct sunlight. They include Vision Research's custom designed 1280 x 800 CMOS sensor, which allows users to keep objects in the frame longer and see more of the event they are recording. All cameras support both 8- and 12-bit pixel depth and offer 8GB, 16GB or 32GB internal high-speed memory.



Phantom v211 — Maximum speed of 2190 frames-per-second (fps) at full resolution, greater than 2 Gigapixels/second (Gpx/s) throughput, minimum frame rate of 10 fps, 2 μ s minimum exposure, global electronic shutter, Extreme Dynamic Range, Auto Exposure, Shutter Off mode for PIV, two identical 4:2:2 HD-SDI ports.

Phantom v311 — Maximum speed of 3250 fps at full resolution, greater than 3 Gpx/s throughput, records direct to CineMag at up to 800 Megapixels/second (Mpx/s), minimum frame rate of 10 fps, 1 μ s minimum exposure, global electronic shutter, Extreme Dynamic Range, Auto Exposure, Shutter Off mode for PIV, two identical 4:2:2 HD-SDI ports.

Phantom v611 — Maximum speed of 6242 fps at full resolution, greater than 6 Gpx/s throughput, 1,000,000 fps (optional), records direct to CineMag at up to 800 Mpx/s, minimum frame rate of 10 fps, 1 μ s minimum exposure, 300 ns (optional), Global electronic shutter, Extreme Dynamic Range, Auto Exposure, Shutter Off mode for PIV, Versatile Dual HD-SDI. (This model is an update to the Phantom v12.1.)

Phantom v711 — Maximum speed of 7530 fps at full resolution, greater than 7 Gpx/s throughput, 1,400,000 fps (optional), records direct to CineMag at up to 800 Mpx/s, minimum frame rate of 10 fps, 1 μ s minimum exposure, 300 ns (optional), global electronic shutter, Extreme Dynamic Range, Auto Exposure, Shutter Off mode for PIV, Versatile Dual HD-SDI.