



Phantom Camera Lineup

	VEO4K-PL	VEO 640S	Flex4K	v2640 Onyx
Full Sensor Resolution	4096 x 2304	2560 x 1600	4096 x 2304	2048 x 1952
Max Frame Rate	1000 fps (2160p), 1970 fps (DCI 2K)	1500 fps (2.5K), 2800 fps (1080p)	1000 fps (2160p), 1977 fps (DCI 2K), 938 fps (DCI 4K 16:9)	6,600 fps (2048 x 1952) HS mode 12,500 fps (1080) HS mode 19,690 fps (720p) HS mode
Sensitivity	640/320 ISO (Global/Rolling Shutter)	EI from 1200	EI from 250 to 1600	EI from 3200 to 16,000
Compatible Lens Mounts	PL, Canon EF, Nikon F/G , PV	PL, Canon EF, Nikon F/G	PL, Canon EF, Nikon F/G, PV	PL, EF, Nikon F/G, C, PV
Pixel Size	6.75 Micron	10 Micron	6.75 Micron	13.5 Micron
RAM Size (Max)	72 GB	72 GB	128 GB	288 GB
Storage Type	CFast 2.0	CFast 2.0	CineMag IV	CineMag IV, CineMag IV+, CineMag V
Storage Capacity	512 GB	128 GB, 256 GB	1 TB, 2 TB	1TB & 2TB for IV, 2TB & 8TB for V
Record Direct to Storage	No	No	Up to 120 fps (4096 x 2304)	Yes
Recording Type	RAW	RAW	RAW or ProRes 422 HQ	RAW
Video Outputs	3G HD-SDI and HDMI, 4:2:2	3G HD-SDI and HDMI, 4:2:2	3G HD-SDI, 4:2:2	1.5G 4:2:2
Xsfer Time From RAM to Storage	72 GB / 12.8 Min to CFast card 72 GB / 2 Min to External SSD via 10Gb/s Ethernet port**	18 GB / 3 Min	64 GB / 35 Sec	144GB / 1 minute to Cinemag
Internal Capping Shutter	Yes	Yes	Yes	Yes
Simultaneous Playback / Record	Yes*	Yes*	Yes	Yes*
On-Camera Controls	Yes	Yes	Yes	Yes
Weight	6 lbs	5 Lbs	14 Lbs	17lbs
Imager Size At Max Resolution	27.6 mm x 15.5 mm	25.6 x 16 mm	27.6 x 15.5 mm	27.6 x 26.3