



**DRONE
MASTERCLASS
ACADEMY**
BY UAVISUALS



DRONE COMPARISON

	PHANTOM 4 PRO	MAVIC 2 PRO	MAVIC 2 AIR
MAX FLIGHT TIME	30 mins	31 mins	34 mins
MAX SPEED	72 KPH (s-mode) 50 KPH (p-mode)	72 KPH (s-mode)	68.4 KPH (s-mode)
PHOTOGRAPHY	1" CMOS (sensor) 4K @ 60fps 20 MP	1" CMOS (sensor) 4K @ 30fps 20 MP	1/2" CMOS (sensor) 4K @ 60fps 48 MP
OBSTACLE SENSING	Forward & Backward TOF on both sides	Forward & Backward Sides Upward & Downward	Forward & Backward Downward
OPERATING TEMPERATURE RANGE	0 - 40 degrees celcius	-10 - 40 degrees celcius	-10 - 40 degrees celcius
INTERNAL STORAGE	-	8GB	8GB
CAMERA LENS	FOV: 84 degrees 33mm Format Equivalent: 24mm Aperture: f/2.8-11	FOV: 77 degrees 33mm Format Equivalent: 28mm Aperture: f/2.8-11	FOV: 84 degrees Equivalent: 24mm Aperture: f/2.8
CAMERA ISO RANGE	Video: 100-3200 (auto) 100-6400 (manual) Photo: 100-3200 (auto) 100-12800 (manual)	Video: 100-6400 Photo: 100-3200 (auto) 100-12800 (manual)	Video: 100-6400 Photo: 100-3200 (auto) 100-6400 (manual)
SHUTTER SPEED	Electronic Shutter: 8 - 1/8000 s Mechanical Shutter: 8 - 1/2000 s	Electronic Shutter: 8-1/8000s	Electronic Shutter: 8-1/8000s
STILL IMAGE SIZE	3:2: 5472×3648 4:3: 4864×3648 16:9: 5472×3078	3:2: 5472×3648	48 MP 8000×6000 12 MP 4000×3000
STILL PHOTOGRAPHY MODES	Single Shot Burst: 3/5/7/10/14 frames AEB: 3/5 bracketed frames at 0.7 EV bias	Single Shot Burst: 3/5 frames AEB: 3/5 bracketed frames at 0.7 EV bias	Single Shot Burst: 3/5/7 frames AEB: 3/5 bracketed frames at 0.7 EV step
VIDEO RESOLUTION	H.265/ H.264 Up to 4K @ 60FPS 100MBPS	H.265/ H.264 Up to 4K @ 30FPS 100MBPS	H.265/ H.264 Up to 4K @ 60FPS 120MBPS
PHOTO FORMAT	JPEG/DNG (RAW)	JPEG/DNG (RAW)	JPEG/DNG (RAW)
VIDEO FORMAT	MP4/MOV (H.264/ H.265)	MP4/MOV (H.264/ H.265)	MP4/MOV (H.264/ H.265)
BATTERY	6000 mAh	3950 mAh	5200 mAh
VIDEO TRANSMISSION SYSTEM	OcuSync 2.0	OcuSync 2.0	OcuSync 2.0