Sky Survey System APR Schedule

APR: Phantom 4 Pro – ENAC Autonization n° 12336 – Critical Operations

ENAC – 12336

Sensor: 1" CMOS
Effective pixels: 20M
Lens FOV: 84° 24 mm (35 mm format equivalent) f/2.8 – f/11 auto focus at 1 m – ∞
ISO Range Video: 100 – 3200 (Auto) – 100 – 6400 (Manual)
Photo: 100 – 3200 (Auto) – 100– 12800 (Manual)
Mechanical Shutter Speed: 8 – 1/2000 s (no rolling shutter)
Electronic Shutter Speed: 8 – 1/8000 s

PIV Image Size: 4096×2160(4096×2160 24/25/30/48/50p)
3840×2160(3840×2160 24/25/30/48/50/60p)
2720×1530(2720×1530 24/25/30/48/50/60p)
1920×1080(1920×1080 24/25/30/48/50/60/120p)
1280×720(1280×720 24/25/30/48/50/60/120p)

Video Recording Modes
H.265
C4K:4096×2160 24/25/30p @100Mbps
4K:3840×2160 24/25/30p @100Mbps
2.7K:2720×1530 24/25/30p @65Mbps
2.7K:2720×1530 48/50/60p @80Mbps
FHD:1920×1080 24/25/30p @50Mbps
FHD:1920×1080 48/50/60p @65Mbps
FHD:1920×1080 120p @100Mbps
HD:1280×720 24/25/30p @25Mbps
HD:1280×720 48/50/60p @35Mbps
HD:1280×720 120p @60Mbps

H.264
C4K:4096×2160 24/25/30/48/50/60p @100Mbps
4K:3840×2160 24/25/30/48/50/60p @100Mbps
2.7K:2720×1530 24/25/30p @80Mbps
2.7K:2720×1530 48/50/60p @100Mbps
FHD:1920×1080 24/25/30p @60Mbps
FHD:1920×1080 48/50/60 @80Mbps
FHD:1920×1080 120p @100Mbps
HD:1280×720 24/25/30p @30Mbps
HD:1280×720 48/50/60p @45Mbps
HD:1280×720 120p @80Mbps

Max Video Bitrate: 100 Mbps
Supported File Systems: FAT32 (≤32 GB); exFAT (>32 GB)
Photo JPEG, DNG (RAW), JPEG + DNG
Video: MP4/MOV (AVC/H.264; HEVC/H.265)
Supported SD Cards: Micro SD
Operating Temperature Range: 32° to 104°F (0° to 40°C)

DJI ND Filter 8

DJI ND Filter 16

Propeller Guards

5 Batteries + portable recharger station