

# teleskopy.pl



DJI Phantom 3 is equipped with a camera with a resolution of 4K / 12 MP, 3-axis gimbal, remote control apparatus and absolute novelty - Visual Positioning System supporting flights inside buildings. Characteristics  $\hat{=}$  ready to fly (RTF), multi-task, four-rotor aircraft  $\hat{=}$  the possibility of using a gimbal type stabilized mounting system, both H3-2D and H3-3D  $\hat{=}$  extremely precise flight and stable hover, also indoors  $\hat{=}$  up to 23 minutes of flight, intelligent battery  $\hat{=}$  automatic return to the starting point and automatic landing  $\hat{=}$  easy battery replacement  $\hat{=}$  a 12 MP / 4K (94 °) camera set is attached to a 3-axis, controlled gimbal Parameters of the ship  $\hat{=}$  weight with battery and blades: 1280 g  $\hat{=}$  size / length of the diagonal (with the blades): 590 mm  $\hat{=}$  hover precision: vertical 0.1 m, horizontal 1.5 m  $\hat{=}$  maximum vertical velocity: 5 m / s at elevation, 3 m / s at falling  $\hat{=}$  maximum flight speed: 16 m / s (in the absence of wind)  $\hat{=}$  maximum ceiling (due to air density): 6,000 meters  $\hat{=}$  GPS / GLONASS  $\hat{=}$  operating temperature range: -10 ° C to + 40 ° C  $\hat{=}$  flight time: 23 minutes Battery  $\hat{=}$  type: LiPo 4S  $\hat{=}$  capacity: 4480 mAh, 15.2 V  $\hat{=}$  charging temperature range: from 0 ° C to + 40 ° C  $\hat{=}$  operating / discharge temperature range: -10 ° C to + 40 ° C  $\hat{=}$  weight: 365 g  $\hat{=}$  maximum charging current: 10 W  $\hat{=}$  flight time without battery replacement: about 23 minutes Flight control transmitter  $\hat{=}$  frequency of the transmitter: 2.4 GHz (unlicensed ISM band 2,400 GHz - 2,483 GHz)  $\hat{=}$  transmission range in open terrain without terrain obstacles (max): 2000 m  $\hat{=}$  Receiver sensitivity: 101 dBm  $\hat{=}$  current / voltage: 1.2 A @ 7.4V  $\hat{=}$  power supply: 6000 mAh LiPo 2S Gimbal  $\hat{=}$  stabilization: 3-axis (precipitation, rotation, rotation)  $\hat{=}$  tilt / down control range: - 90 ° + 30 ° Camera  $\hat{=}$  matrix Sony EXMOR 1 / 2,3 "  $\hat{=}$  number of pixels: 12.4 million (effectively, including 12.76 M)  $\hat{=}$  resolution: 4000 x 3000  $\hat{=}$  ISO range: 100-3200 (video) 100-1600 (photo)  $\hat{=}$  shutter speed: 8s - 1/8000 s  $\hat{=}$  filming resolution: UHD: 4096x2160p 24/25, 3840x2160p 24/25/30 FHD: 1920x1080p 24/25/30/48/50/60 HD: 1280x720p 24/25/30/48/50/60  $\hat{=}$  lens angle of view (FOV): 94deg; 20 mm (equivalent to 35 mm), f / 2.8, sharpness to infinity  $\hat{=}$  shooting modes: Burst (serial shots): 3/5/7 photos in a series Auto Exposure Bracketing (AEB): 3/5 Bracketed Frames at 0.7EV Bias Time-lapse  $\hat{=}$  supported cards: MicroSD, up to 64 GB, at least class 10 or UHS-1  $\hat{=}$  supported formats: FAT32 / exFAT; photo: JPEG, DNG; video: MP4, MOV (MPEG-4 AVC / H.264) Visual Positioning (in buildings)  $\hat{=}$  maximum speed: up to 8 m / s (for a ship over 2 m above the ground ?)  $\hat{=}$  height range: 30 - 300 cm  $\hat{=}$  range of positioning: 30 - 300 cm  $\hat{=}$  conditions of use: identifiable surface with proper lighting (> 15 Lux) Recommended devices for Live View / gimbal control  $\hat{=}$  iOS: iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular, iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, and iPad mini 3 Wi-Fi + Cellular  $\hat{=}$  Android: Samsung S5, Note 3, Sony Xperia Z3, Google Nexus 7 II, Google Nexus 9, Mi 3, Nubia Z7 mini FULL SPECIFICATION IS ON THE MANUFACTURER'S WEBSITE: <http://store.dji.com/product/phantom-3-professional#/spec> Elements of the set Included in the set include: drone, mains charger, intelligent battery, camera, blades, remote control, cables Warranty 24 months Additional product photos