

DJI DOCK 3 VS DOCK 2 TEKNISET TIEDOT

Dock Malli	Dock 2	Dock 3
Kokonaispaino	34 kg	55 kg
Mitat avattuna:	1228x583x412mm	1760x745x485mm
Mitat suljettuna:	570x583x465	640x745x770mm
Toimintalämpötila	-25 - 45°	-30 - 50°
IP suojaustaso	IP55	IP56
Max toimintakorkeus	4000m	4500m
LATAUSTOIMINNOT		
Latausaika	32 min	27 min
VIDEO SIGNALOINTI		
Antennit	4 sisäänrakennettua antennia, 2T4R tukee älykästä siirtymistä antennista toiseen	Sisäänrakennettu 9 antennia, 2T4R tukee älykästä siirtymistä antennista toiseen
JÄÄHDYTYS & LÄMMITYS		
Jäähdytystyyppi	TEC jäähdytys	Kompressoripohjainen jäähdytys
TUETUT OHJELMISTOT		
Aplikaatiot	DJI Pilot 2 (DJI RC Plus 2 kautta yhteys asemaan)	DJI Enterprise APP - Android laitetuki
Pilvipalvelut	Flighthub 2 + kolmansien osapuolien hallinta-alustat	Flighthub 2 + Flighthub 2 on-premises + Flighthub 2 Flighthub Sync DJI API pilvipalvelu
DRONE LAITTEET		
Paino	1410g	1850g
Maksimi lentopaino	1610g	2090g
Mitat	335x398x153 mm Diagonal Wheelbase: 463.2 mm Left-Right Wheelbase: 359.9 mm Front-Rear Wheelbase: 291.4 mm	377.7x416.2x212.5 mm Diagonal Wheelbase: 463.2 mm Left-Right Wheelbase: 359.9 mm Front-Rear Wheelbase: 291.4 mm
Max tuulenkesto	12m/s / take-off /landing 8 m/s	12 m/s kauttaaltaan
Max lentoonlähtö korkeus	4000m	6500m
Max lentoaika	50 min	54 min
Max leijunta-aika	40 min	47 min

Dock Malli	Dock 2	Dock 3
Säänkesto	-20 - 45° celsius	-20 - 50° celsius
Sääsuojaus	IP54	IP55
Potkurimalli	1149 taittuva	1364F taittuva low-noise anti-ice potkuri
KAMERAT		
Sensori	DJI Matrice 3D: Wide-Angle Camera: 4/3 CMOS, Effective Pixels: 20 MP Tele Camera: 1/2-inch CMOS, Effective Pixels: 12 MP DJI Matrice 3TD: Wide-Angle Camera: 1/1.32-inch CMOS, Effective Pixels: 48 MP Tele Camera: 1/2-inch CMOS, Effective Pixels: 12 MP	DJI Matrice 4D: Wide-Angle Camera: 4/3 CMOS, Effective Pixels: 20 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Tele Camera: 1/1.5-inch CMOS, Effective Pixels: 48 MP DJI Matrice 4TD: Wide-Angle Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Tele Camera: 1/1.5-inch CMOS, Effective Pixels: 48 MP
Optiikat	Wide-Angle Camera DJI Matrice 3D FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8-f/11 Focus: 1 m to ∞ DJI Matrice 3TD FOV: 82° Format Equivalent: 24 mm Aperture: f/1.7 Focus: 1 m to ∞ Tele Camera FOV: 15° Format Equivalent: 162 mm Aperture: f/4.4 Focus: 3 m to ∞	Wide-Angle Camera DJI Matrice 4D FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8-f/11 Focus: 1 m to ∞ DJI Matrice 4TD FOV: 82° Format Equivalent: 24 mm Aperture: f/1.7 Focus: 1 m to ∞ Medium Tele Camera FOV: 35° Format Equivalent: 70 mm Aperture: f/2.8 Focus: 3 m to ∞ Tele Camera FOV: 15° Format Equivalent: 168 mm Aperture: f/2.8 Focus: 3 m to ∞
ISO alue	DJI Matrice 3D: 100-6400 DJI Matrice 3TD: 100-25600	Normal Mode: ISO 100-25600 Night Scene Mode: Matrice 4D Wide-Angle Camera: ISO 100-204800 Medium Tele Camera: ISO 100-409600 Tele camera: ISO 100-409600 Matrice 4TD Wide-Angle Camera: ISO 100-409600 Medium Tele Camera: ISO 100-409600 Tele Camera: ISO 100-819200

Dock Malli	Dock 2	Dock 3
Valokuvatila	DJI Matrice 3D Wide-Angle Camera: Single: 20 MP Timed: 20 MP, 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Low-Light: 20 MP Panorama: 20 MP (raw image); 100 MP (stitched image) Tele Camera: Single: 12 MP Timed: 12 MP, 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Low-Light: 12 MP DJI Matrice 3TD Wide-Angle Camera: Single: 12 MP, 48 MP Timed: 12 MP, 48 MP, 0.7/1/2/3/5/7/10/15/20/30/60 s* Smart Low-Light: 12 MP Panorama: 12 MP (raw image); 100 MP (stitched image) Tele Camera: Single: 12 MP Timed: 12 MP, 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Low-Light: 12 MP * The 0.7s and 1s intervals are not supported when taking 48MP timed photos.	DJI Matrice 4D Wide-Angle Camera: Single: 20 MP Timed: 20 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s JPEG + RAW: 2/3/5/7/10/15/20/30/60 s Smart Capture: 20 MP Panorama: 20 MP (raw image); 100 MP (stitched image) Medium Tele Camera: Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s Smart Capture: 12 MP Tele Camera: Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s Smart Capture: 12 MP DJI Matrice 4TD Wide-Angle Camera: Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Capture: 12 MP Panorama: 12 MP (raw image); 100 MP (stitched image) Medium Tele Camera: Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Capture: 12 MP Tele Camera: Single: 12 MP/48 MP Timed: 12 MP/48 MP JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s Smart Capture: 12MP
Video Codec ja resoluutio	H.264 / 4K: 3840x2160@30fps FHD: 1920x1080@30fps	Video Codec: H.264, H.265 Encoding Strategy: CBR, VBR Resolution: 4K: 3840x2160@30fps FHD: 1920x1080@30fps
Digitaalinen zoom	Telekamera: 8x (56x hybrid zoom)	Telekamera: 16x (112x hybrid kamera)
NIR LISÄVALO		
Infrapuna valaistus	Ei saatavilla	DJI Matrice 4TD / FPV: 5.7° ±0.3°
LASER MODUULI		

Dock Malli	Dock 2	Dock 3
Laser etäisyysmittari	Ei saatavilla	Normal Incidence Range: 1800 m (1 Hz) @20% reflectivity target* Oblique Incidence Range (1:5 Oblique Distance): 600 m (1 Hz) Blind Zone: 1 m Distance Measurement Accuracy: 1 m to 3 m: System Error <0.3 m, Random Error <0.1 m @1σ Other Distances: ±(0.2+0.0015D) (Distance in meters) @20% Reflectivity * Performance degradation may occur in rainy or foggy conditions.
GIMBAALI		
Liikemitat	Tilt: -90° to +35° Pan: Not controllable	DJI Matrice 4D Tilt: -90° to +35° Pan: Not controllable DJI Matrice 4TD Tilt: -90° to +90°* Pan: Not controllable
ESTEENTUNNISTUS		
Tyyppi	Kuusisuuntainen esteentunnistus / 10° sokeapiste yläosassa	Ympärisäteilevä, binocular järjestelmä + 3D infrapuna sensori dronen alla
Toimintaympäristö	Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns and adequate lighting (lux > 15) Downward: Diffuse reflective surface with diffuse reflectivity > 20% (e.g. walls, trees, people) and adequate lighting (lux > 15)	Forward, Backward, Upward and Downward: Surfaces with discernible patterns and adequate lighting (lux > 0.1) Left and Right: Diffuse reflective surface with diffuse reflectivity > 20% (e.g. walls, trees, people) and adequate lighting (lux > 6)
VIDEO SIGNALOINTI		
Tyyppi / järjestelmä	DJI 03 Enterprise	DJI 04+ Enterprise
Max kantama (ei esteitä)	CE: 8 km	CE. 12 km
Max kantama (esteitä)	1.5 - 3km kaupungissa / 3-9 km esikaupunki	1.5 - 3km kaupungissa / 3-9 km esikaupunki
Max tiedostonlatausnopeus	5MB/s / Dji Dock 2 / 15mb/s RC Pro Enterprise	20MB/s kummassakin
AKUSTO		
Tyyppi	Li-ion 4S	Li-ion 6S
Energiamäärä	115,2 Wh	149.9 Wh
AKKULATURI		
Ulostuloteho	100W	240W / USB-C portti 65W max
LATAUSHUBI		

Dock Malli	Dock 2	Dock 3
Sisäänmeno	USB-C: 5-20 V, 5.0 A	SDC: 16.8 V to 25.5 V, 12.1 A
Teho	100 W	240 W
Tyyppi	4 akkua ladataa sykleissä / Standard more 100% ja Ready-To-Fly mode 90%	3 akkua ladataan sykleissä / Standard more 100% ja Ready-To-Fly mode 90%
		