



Autel Smart Controller V3

Simplicity, Clarity, Control



15km Transmission
Range



Maximum 2000nit
Brightness



4.5 Operating
Hour

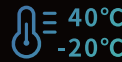


Portable, Efficient, and Easy to Use



2000nit Super-Bright Screen

The built-in display is twice as bright as the next leading competitor and 4 times brighter than a conventional cell phone screen. The 7.9-inch QHD display offers anti-glare coatings and provides clear visibility under direct sunlight.



-20~40°C Working Temperature

Bigger heatsinks allow the Smart Controller to operate with a wider temperature range, giving you a more stable, reliable operation in extreme environments without overheating or freezing.



4.5h Ultra-Long Battery Life

The 5800mAh Lithium-ion battery within lasts up to 4.5 hours in continuous use and supports 2-hour fast charging. The Smart Controller is ready to meet your demands in aerial operation for those long days out in the field.



Customized OS System

The Smart Controller runs on a customized Android system and supports additional flexibility for third party system workflow by allowing users to download additional third party apps and can allows users create their own exclusive operating system.

128GB

128GB Internal Memory

Ample internal storage has space for media and flight logs without the need for external storage.



8-Core Processor

The Qualcomm 8-core processor can smoothly play 4K/60fps H.264 and 4K/60fps H.265 video.

Supersharp, High Brightness Display

Smart Controller V3's built-in display at 2000nit is 4 times brighter than a conventional cell phone screen and the 7.9 inch Ultra-HD (2048x1536) touch screen provides clear visibility under direct sunlight. Integrated true tone technology dynamically adjusts the white balance of the display, delivering the best viewing experience for the pilot in any lighting environment.





SkyLink 2.0 Video Transmission

Smart Controller V3 supports 2.4GHz/5.8GHz/900MHz tri-band communication and can automatically frequency hop for maximum anti-interference capability. 2.7K 30p video resolution is available within 1km and 1080p HD image comes standard between its 1km- 15km transmission range.

15km

Transmission Range



* 900MHz is only applicable for FCC countries.

5800mAh



Extensive Battery Life

The 5800mAh lithium battery guarantees 4.5 hours of continuous work, and can be fully charged in 2 hours.

Sleek and Portable

The Smart Controller weighs 1150g and comes with removable command sticks and storage so it can be tucked into a carrying bag with ease.

Premium Material, Rugged Design

The back of the controller is made from reinforced composites and is 3D laser engraved for improved ergonomics, grip, and durability.



Multi-Port Output

HDMI, USB-A, and USB-C ports allow for live streaming with 4G/5G network modules. SMA connectors allows the antennas to be detachable and replaced or upgraded with SMA compatible third party devices.



USB
HDMI

Specifications

Operating Frequency	902-928 MHz (FCC only) 2.400-2.4835 GHz 5.725-5.850 GHz (non-Japan) 5.650-5.755 GHz (Japan only)
Max Transmission Distance (Unobstructed, Free of Interference)	FCC: 15 km CE: 8 km
Supported Aircrafts	EVO II Pro V3 EVO II Dual 640T V3 EVO II RTK Series V3 EVO II Enterprise V3
Display Screen	2048x1536 60fps
Max. Brightness	2000 nits

Dimensions	303×190×87 mm (antennas folded) 303×273×87 mm (antennas unfolded)
Weight	1150g (without protective case) 1250g (with protective case)
Battery	5800 mAh
Operating Time	~3 hours (max. brightness) ~4.5 hours (50% brightness)
Charging Time	90 minutes
Internal Storage	ROM 128GB
Operating Temperature	-20~40 °C
Ingress Protection	IP43