



red dot winner 2024


**GOOD
DESIGN
AWARD®
WINNER**

The Ultra

Predictable, reliable, smart.

Our most advanced 3D printer yet.

Unrivalled 3D print monitoring technologies

Engineered to deliver production continuity in any environment.

- ✦ **Active Layer Monitoring:** Asiga's pioneering Smart Positioning System (SPS™) achieves precise layer thickness control of each and every layer, ensuring optimal print accuracy and speed.
- ✦ **4K Imaging Resolution:** The latest high resolution imaging chipset delivers extraordinary resolution over a large build envelope.
- ✦ **Auto-Calibrating UV LED:** Combining the latest generation of high-power ultraviolet solid-state light sources with an integrated radiometer ensures years of consistent printing performance. 385nm LED as standard.
- ✦ **DLP Micromirror Technology:** Achieve the highest standard of reliability with the broadest wavelength capability of any imaging technology.
- ✦ **User features that actually make a difference:** No gimmicks. Functional, useful features to make your workflow easier.
- ✦ **Touchless Entry:** Interact with your 3D printer without contaminating surfaces or double handling. Give the Ultra a wave and watch the hood open effortlessly. Manual opening also possible!
- ✦ **Magnetic Platform Holder:** Streamline your workflow and be automation ready with the new magnetic build-platform holder. No latches, screws or calibration is necessary.
- ✦ **Infrared Material Heater:** Access a new generation of advanced materials with the infrared material heating system. Achieve temperatures up to 70°C.

Accessories	Ultra (32)	Ultra (50)
Build Volume X, Y, Z	119 x 67 x 130mm	189 x 106 x 130mm
Pixel Size	32µm	50µm
Technology	DLP	
Auto-calibrating UV LED	385nm (365nm and 405nm available on request)	
Material Compatibility	Use any one of over 500 qualified resins from the world's leading material manufacturers, or create your own.	
Software	Asiga Composer software. Lifetime updates included	
File Inputs	STL, SLC, PLY, STM (Asiga Stomp file format)	
Network Compatibility	Wifi, Wireless Direct, Ethernet	
Power Requirements	100-240VAC / 500Watts	
System Sizing	353 x 441 x 555mm Weight 32.5Kg 13.9 x 17.3 x 21.8 inches Weight 71.5 Lbs	