



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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OverLord 3D Printer - Matte Black w/ US Adapter

SKU: 3DP0005-MB-US



INTRODUCTION



 **Overlord系列3D打印机**
——来自DreamMaker


“Overall, I'm extremely happy!
This 3d printer looks nice,
and more importantly works great.”
—— Graham Gordon, Aug 31, 2015

“I am loving it this is 10x better than the
3D printer I was in charge of at my old
work. Auto levelling is great, Well done
DreamMaker!” —— Kyle, Aug 1, 2015

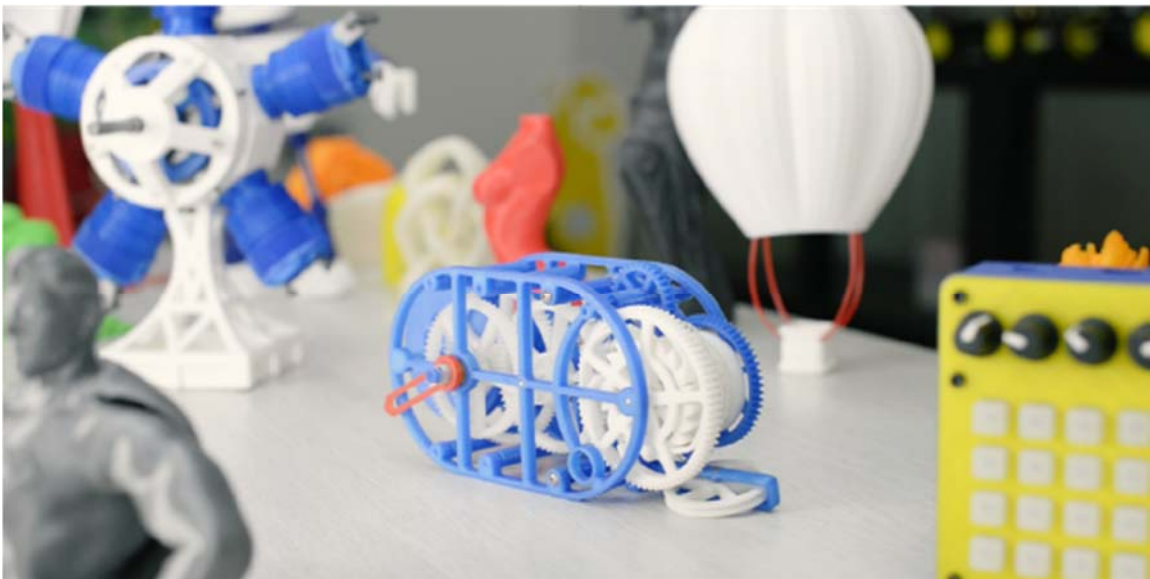
    

Let's talk about Overlord



We created OverLord to be unique. OverLord is the first 3D Printer that combines the simplicity of using, the beauty of design and the uncompromising performance as a consumer desktop 3D Printer.

With OverLord, you can bring your ideas to life, make products, create toys, shape your designs, start a business, educate kids, host workshops and unleash unlimited possibilities.



MUTIPLE Colors

Multi-color printing is no longer a privilege of pricy professional 3D printers. With OverLord, you can create multi-color models in an easy way. No re-rendering the 3D model or code editing needed. You can switch colors anytime during print and make the model as colorful as you wish.



Ready to CREATE

We designed OverLord to be extremely user-friendly, and easy to use. It comes fully assembled and tested, and requires little configuration during first time use. Once you get the printer, just unpack, plug in power and follow the on-screen prompt to setup. The whole process takes less than 5 minutes, and you are ready to go!

To make life easier, we've built a special system which provides auto-leveling and auto-calibration. This means every time you start the printer, it sets up automatically.



Dream BIGGER, make BIGGER than ever

There are many reasons why we chose to build OverLord upon Delta mechanism, bigger build volume is definitely among the first. OverLord Pro can handle objects 170 millimeters wide and 260 millimeters tall, 30% taller than the object normal printers can do.

Besides its expanded build volume, this mechanism has a proven record of being highly efficient and economic, requires no long-term maintenance, and is elegant in motion.



Print like a PRO

With OverLord, you don't necessarily have to be an expert to create professional-quality, realistic products. There are just many ways to help you make stunning things.

100 Microns of Precision

OverLord uses premium stepper motors to print objects of superb quality, at a layer resolution of 100 microns.



Heated Plate

The heated plate allows you to print PLA and ABS. You can explore more exciting new materials with OverLord in future.



Your creativity is TRIPLE INSURED

As a consumer desktop 3d printer, OverLord must be stable enough to deliver consistent quality result on a daily basis. Therefore, we redesigned both the hardware and software to ensure your creation will never be interrupted.

The unique break-resuming feature allows you to stop wherever you want during printing, but no need to start the whole process

over again. This means you can leave where it is, have a meeting, watch a game, even take a holiday and then continue printing after coming back.



Power Protection

A power blackout or misoperation could sometime ruin the whole process – but that’s never gonna happen with OverLord. With built-in power protection, you can resume wherever it is after any sudden power break, saving both of your time and ruined mood.



Built to Last

To ensure the precision in printing, we require precise parts. All parts are injection molded and fit perfectly. We also used aerospace alloy to make OverLord strong enough for any possible collisions or shock.



Style with ATTITUDE

OverLord's styling is both futurism and minimalism. Designed to look great in your home, office, lab, or classroom, OverLord fits nicely in almost any setting. Custom colors will also be available when stretch goal is hit, select your own color combo and make your friends jealous!



Specification



Overlord



Overlord Pro

Printing

Print technology	Fused Filament Fabrication	Fused Filament Fabrication
Build Volume	150mm x 160mm	170mm x 260mm
Print Speed	100mm/s	100mm/s
Layer Resolution	100µm ~ 200µm	100µm ~ 200µm
Printing filament	1.75mm PLA	1.75mm PLA/ABS
Build Platform	Acrylic Bed	Heated Alloy Bed
Nozzle Diameter	0.4mm	0.4mm

Software

Dreammaker app		
Supported file types	*.stl; *.obj; *.dae; *.amf; *.bmp; *.jpg; *.jpeg; *.png; *.g; *.gcode	*.stl; *.obj; *.dae; *.amf; *.bmp; *.jpg; *.jpeg; *.png; *.g; *.gcode
Operating systems	Windows; MAC OSX; Linux; iOS	Windows; MAC OSX; Linux; iOS
Connectivity	SD HC Class 4/ USB / WIFI	SD HC Class 4/ USB / WIFI
Auto Calibration		
Break-resume		
Power Protection	—	

Temperature

Operation Nozzle Temperature	200°C ~250°C	200°C ~250°C
Operation Heated Bed Temperature	—	50°C ~100°C
Ambient Operation Temperature	15°C ~32°C	15°C ~32°C

Size & Weight

Product dimensions	370mmx320mmx625mm	370mmx320mmx725mm
Product Weight	9kg	12kg
Shipping weight	12kg	15kg

Power

Power	120 W	220 W
Power Requirements	24 V DC @ 5A	24 V DC @ 9.2A
AC Input	100~240V 4.0A 50/60Hz	100~240V 4.0A 50/60Hz

SHIPPING LIST

- Power adapter 12V (120W) x1
- Power adapter cable x1
- SD Card x1
- Dedicated shovel x1
- 1.75mm PLA x1
- 0.4mm Nichrome wire x1
- DreamMaker sticker x1
- Easy user manual x1
- White Kapton tape x1