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[www.tilta.com](http://www.tilta.com)

**TILTA** | 

# HYDRA

CAR MOUNTING SYSTEM //





TILTA Technology was established in 2010, dedicated to providing high-quality photography and film equipment.

From SLR cages to professional camera accessories, we continuously refine and develop our products, gradually evolving from a manufacturer to a comprehensive solutions provider. We have achieved outstanding results in wireless lens control, camera cages, gimbal support systems, shock-absorbing car mounts, and other fields.

After setting up our own factory in 2011, we made unremitting efforts to break into the Hollywood market with our electronic control solutions, which finally succeeded in 2016. In that same year, we also established our North American branch, and in April 2017, we opened our showroom in Los Angeles and obtained official certification as a Remanufacturer as well.

As an associate member of the American Society of Cinematographers, our collaboration with many professional photographers enables us to continually improve our products based on their experience and suggestions, inspiring users' imagination and bringing unlimited creativity and possibilities.

The Tilta Float system has the same flexibility and mobility as expensive traditional Steadicam systems, which previously only appeared in high-budget sets.

The revolutionary release of the Hydra Arm Mini provides every creator with a consumer-grade car mount shooting solution that is easy to use.

In the future, TILTA will continue to provide industry-leading products and services, creating more value for the imaging industry and exploring the future of the global film industry with millions of creators.





# // CATALOG

## HYDRA

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## HERMIT

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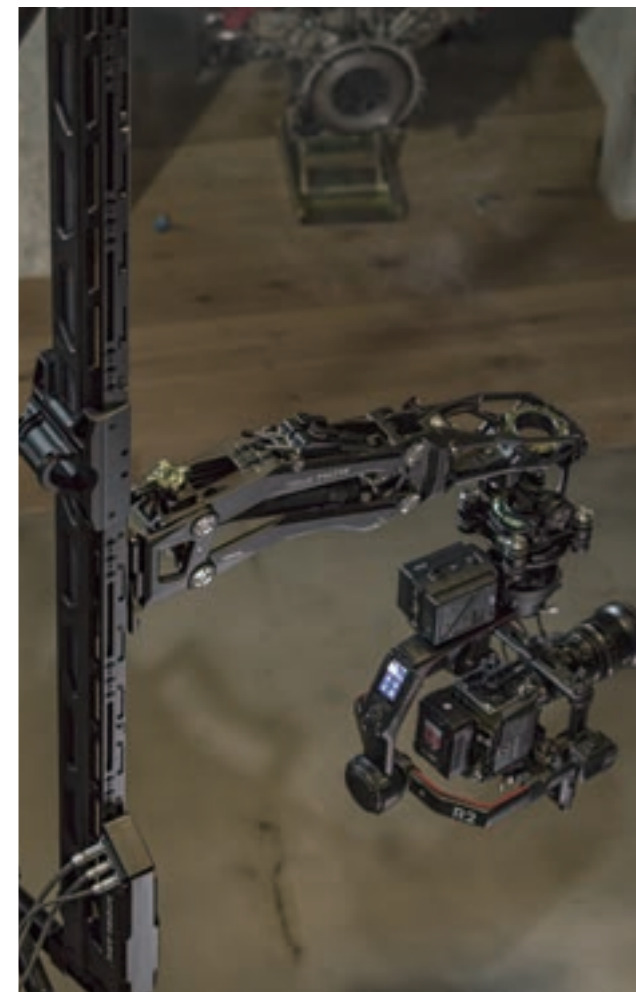
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# HYDRA

MOTORIZED SLIDER



**High Compatibility**  
Compatible with Mitchell mount  
stabilizers and gimbals

**Toolless Locking Design**  
Make easy adjustments to the suction cups  
and speed rails

**1** **Compact For Transportation**  
Modular design for easy storage

**2** **Universal Power Supply**  
Powered by (4) 14.8V batteries

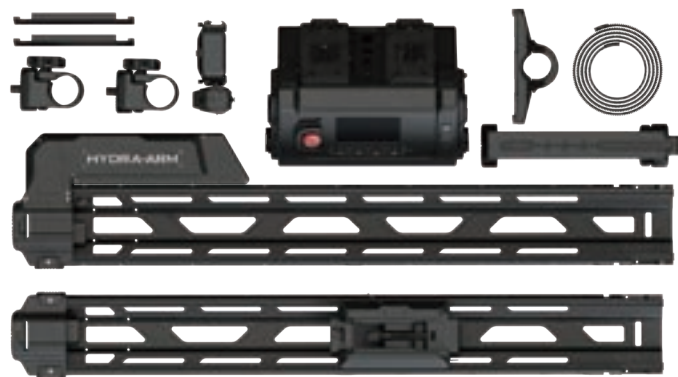






## Shock Absorbing Arm

DISTANCE OF TRAVEL:	450MM
WEIGHT:	21KG (Including Packaging)
CAPACITY:	10-30KG
WATTAGE:	15W
VOLTAGE:	12V
PORTS:	1B 4+2-Pin Lemo (Power)
DAMPING:	Adjustable Manual Damping / Automatic Magnetic Damping(Optional)



## Motorized Slider

DISTANCE OF TRAVEL:	1.8M
WEIGHT:	50KG (Including Packaging)
CAPACITY:	10-30KG
SPEED:	0.45m/S (Full Distance 4S)
WATTAGE:	400W
VOLTAGE:	60V/DC
PORTS:	USB-C (Firmware Update), 3B 6PIN (Power) Motor Ports (Power/Communication/Brake): 2B 8PIN / 2B 6PIN / 0B 6PIN





# HYDRA ARM

## HYDRA-ARM

Ergonomic design for enhanced operating experience. Secure setup, user friendly, and quick assembly.





Φ 24ft

FULLY COMPATIBLE WITH VARIOUS GIMBALS  
SUCH AS DJI RS 2, RONIN 2, ETC.

The carbon fiber arm weights 80kg. Its maximum payload capacity is 25kg.

The tilta angle range is  $\pm 35^\circ$  with an arm length of 7.3m.

It can rotate 360° within 5 seconds.

Flexible and easy for operating.



# HYDRA ARM

CAR MOUNTING SYSTEM

The Hydra Arm has a built-in stabilization system. Its functions are similar to a turret gyroscope.

The modular design is compatible with all vehicles with a hard roof.

Quick assembly and user friendly.

Φ 24ft





# HYDRA-ARM MINI

CAR MOUNTING SYSTEM

## HYDRA-ARM MINI

Tilta Hydra Arm Mini is designed for compact and mobile car shoots.  
Unleash your creativity.





# HYDRA-ARM MINI

CAR MOUNTING SYSTEM

Arm Length:	152in / 387cm
Max Height:	177in / 450cm
Safe Speed:	37mph / 60km/h
Maximum Speed:	74mph / 120km/h
Speed of high/low angle :	80° / 1.7s
Speed of moving angle:	360°/7s
Maximum Payload:	22.05lbs / 10kg (including gimbal)



## PRECISE CONTROL

REAL TIME PRESSURE MONITORING

### Innovative Electronic Suction Cup Smart System

The controller monitors the suction pressure in real time, and provides a suction cup status report to guarantee the equipment's safety.



PRO GEAR WITHIN REACH



# HYDRA ALIEN

CAR MOUNTING SYSTEM



**STRONG & DURABLE  
ATTACHMENT**

Extremely secure mounting  
no matter what the angle.





CAR MOUNTING SYSTEM

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FAST AND STEADY  
ENDLESS POSSIBILITIES



 **HYDRA-ARM**  
CAR MOUNTING SYSTEM



# HYDRA PREDATOR

## SHOCK ADSORbing

The package comes with a universal quick release plate and power supply base plate for DJI Ronin.  
Compatible with 3-axis gimbals such as RS2, Ronin S, etc.



### Enhanced Operating

The adjustable hydraulic damping pole provides precise control over the vertical amplitude. Optimized stability provides smooth camera movement and an outstanding image.

### Product Specifications

**NETWEIGHT:** 8KG

**DIMENSIONS:** 480x425(W) × 224(H)mm

**PAYLOAD CAPACITY:** 1.5-7.5KG

**MATERIALS:** Aluminum Alloy-Stainless Steel+Silicone

**APPLICABLE GIMBALS:** Ronin RS2 (most recommended)

Feiyu AK4500, Moza Aircross, Zhiyun Crane series.





# HYDRA

## SPEED RAIL CAR MOUNTING KIT

**TILTA** | 



### BECOME YOUR TACIT SHOOTING PARTNER

Tilta brand-new 50mm Speed Rail Car Mounting Kit  
Fit with Tilta Hydra Predator Shock Absorbing Arm and lifting electric control sliding rail

### FIRMLY LOCK

Easily connect front tow hook and circular pipe.

Front tow hook adapter



Safety Strap











# FIRST PERSON

SHOO FROM THE FIRST PERSON POINT OF VIEW.



Cold Shoe



1/4"-20  
Screw Hole



3/8"-16  
Screw Hole

The top of the helmet  
has 1 built-in cold shoe mount,  
as well as two 1/4"-20 and 3/8"-16 screw holes.



**TILTA** | OPENMOON<sup>®</sup>

# ADVANCED CAMERA HELMET



## MORE ACCESSORIES ON THE WAY

More accessories with 1/4" -20 and 3/8" -16 threads will be released soon.

They will be the perfect companion for weight distribution, compact setup, and easy assembly.

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