



# Polecam Camera Cranes

## Polecam Starter Pack: PSP



- User Friendly
- Modular
- Cost effective
- Super lightweight - 16kg / 35lbs  
(depending on PSP components)
- Compact, packs into a Peli 1770
- Easy to adjust to different lengths
- Increases production value
- Relocate in less than 10 minutes
- Effortless set up - No tools required
- Compatible with standard tripods
- Extremely Versatile



Narrow Head



Wide Head



Long Head

### 3 Head Options Available!

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The Polecam system uses Carbon Fibre tubes that slot together to create a reach from 1.5m (5') to 8m (26'). The System is designed around a modular aluminium 'back-end'.

A precision electronic, remote controlled, Pan/Tilt head fits to the carbon poles creating a simple yet effective Camera Crane, the Starter Pack is an entry level system that allows you to build a crane to suit your needs.

Whether you want to shoot from the back of a car, on a boat or the edge of a Mountain, the Polecam System gets into tight spots where a traditional crane would be out of the question. The Polecam camera Crane System simply adds superb value to any production.

There are three different pan & tilt heads to choose from when selecting your Polecam Starter Pack.

The **Narrow Head** version is ideal for minicams and split head cameras such as the Toshiba IK-HD1.

The **Wide Head** is designed for D-SLR use and is also great for 3D with two mini cams side by side using our optional 3D mounting plate, Blackmagic's Cinema Camera or the Microbe Mini Mirror Rig.

The **Long Head** is designed to cater for cameras such as the Canon C300/500, Blackmagic & the AF101 from Panasonic.

These heads are designed to double as a fixed remote head by simply unscrewing the Polecam drop arm, removing a small plate and attaching it to the top of the head. This reveals an industry standard 3/8" threaded hole.

You can mount the inverted head on a clamp, stand or similar bracket then hook up the joystick, plug in some power, connect the video and away you go.



#### Polecam Starter Pack contents:

- 1 x Polecam Starter Pack Back-End, with adjustable counter-weight system (weights not included)
- 3 x Polecam Stiff Carbon Fibre Tubes (1.1 Metres / 3'.6" Each reach)
- 1 x Pan/Tilt Head - Choice of Wide, Narrow or Long Head.
- 1 x Joystick
- 1 x Wiring loom
- 1 x 110/240v AC Power Supply Unit with 3 x 4-pin XLR's
- 1 x Cable Strain relief strap
- 1 x Rigging stand with support cradle - Assists the build of your Polecam Camera Crane
- 1 x Saddle bag set (Velcro attachment to back end) for accessories or weights
- 1 x Accessory wallet - 1 x Cable feeder, 1 x Trimmer, 1 x Camera mounting screw
- 1 x Foam insert for Peli 1770 & Pole holders
- 1 x Quick Starter Guide and 1 x User manual



#### Accessorise your PSP (See last page)

- Monitor
- Monitor Clamp
- Tripod
- Suitable Camera for selected pan & tilt unit
- Weights - (1" centre, standard dumbbells, 10/15kg (22-33lb) required depending on camera).
- Battery Plate
- Batteries
- Battery Charger
- Peli 1770

#### Further Options to enhance your rig

- Polecam Wire Strut System
- Polecam Elbow
- Polecam 3D Mount
- Polecam Back End Cover
- Polecam Harness

For more information on accessories and options please call +44 (0) 1234 855 222 or visit [www.polecam.com](http://www.polecam.com)



This shows an inverted Narrow head Clamped to an accessory arm.

# Polecam Starter Pack



## PR011 - Starter Pack with Narrow Head

The main difference between the Wide and Narrow head is the lower profile for Minicams and the use of different gearboxes and gearing.

The Narrow Head maximum pan speed is 2x faster than the Wide Head so it completes a 360-degree pan in 3 seconds. The slowest Pan speed is 360 degrees in 15 minutes which is about 15 times slower than the older Polecam heads and is really smooth.

### Narrow Head Dimensions

Weight: 1.35kg / 2.97lb  
Max payload: 1.81kg / 4lb  
Overall height (pivot to base): 412mm / 16.25"  
Max load height on cradle: 152mm / 6"  
Max load width on cradle: 89mm / 3.5"  
Base plate: 51mm / 2" depth  
Slotted centre with two additional slots either side at 1.98cm/ 0.78" intervals, slot width is 6.5mm/0.255"

## PR010 - Starter Pack with Wide Head

The Wide Head from Polecam is a versatile remote controlled pan and tilt unit ideal for D-SLR type cameras, Blackmagic Cinema Camera & 3D setups. The Wide Head benefits from very precise electronic speed control. A full 360° in anything from 6 seconds to 45 minutes.

### Wide Head Dimensions

Weight: 1.39kg / 3.07lb(US)  
Max payload: 3.6kg / 8lb  
Overall height (pivot to base): 500mm/19.6"  
Max load height on cradle: 240mm / 9.45"  
Max load width on cradle: 200mm / 7.87"  
Base plate: 100mm / 3.94" depth  
slotted centre with two additional slots either side at 20mm/ 0.78" intervals, slot width is 6.5mm / 0.255"

## PR012 - Starter Pack with Long Head

The Long Head from Polecam is a versatile remote controlled pan and tilt unit ideal for cameras like Canon's C300/500 and Panasonic's AF101 - These cameras are "tall" due to the view finder position; is also compatible with the Blackmagic Cinema Camera. The head benefits from very precise electronic speed control delivering a full 360° in anything from 6 seconds to 45 minutes.

### Long Head Dimensions

Weight: 1.42kg / 3.15lb(US)  
Max payload: 3.6kg / 8lb  
Overall height (pivot to base): 585mm / 23.03"  
Max load height on cradle: 325mm / 12.79"  
Max load width on cradle: 200mm / 7.87"  
Base plate: 100mm / 3.94" depth  
slotted centre with two additional slots either side at 20mm/ 0.78" intervals, slot width is 6.5mm / 0.255"

## Please note...

All three Heads use a 12 bit PID motion controller via a closed loop configuration meaning you get extremely precise speed control.

A 'ramping & damping' profile is built-in to achieve really smooth start, acceleration and stop functions.

## Connecting your head.

### Connections (slip ringed for unlimited panning)

BNC: for video monitoring only (Up to HD-sdi)  
4-pin Binder Power tap (12v)  
4-pin Hirose: Iris drive connection (selected cameras)

Please see image below for connections.



For more information on which head is suitable for you or any queries you have regarding the heads and their specifications, please call +44 (0) 1234 855 222.

## Need to go underwater?

No problem!

Polecam offer a range of underwater solutions.

For more information visit [www.polecam.com](http://www.polecam.com) or call +44 (0) 1234 855 222 to discuss your requirements.





# Polecam Accessories & Options



**PM001**

Polecam Elbow



**PM020**

Polecam Stiff  
Carbon Fibre  
Poles.



**PE100**

(PSP PLUS: PSP +)  
Wire Strut System

**PE101**

(PSP)  
Wire Strut System



**PU015**

Polecam  
Monitor Clamp



**PU013**

7" HD LCD  
Display Monitor

Clamp not included



**PE068**

PAGlink L96E  
high power  
linking batteries

Each sold separately



Batteries not included

**PE069**

PAGlink PL16 two-  
position charger.  
Charge up to 16  
PAGlink batteries  
(8 per channel).



**PE070**

Polecam  
Battery Plate.



**PE010**

Peli 1770 case  
compatible  
with Polecam  
Starter Pack



**PC046**

Spare PSP rig loom.  
12 Pin Lemo



**SEC007**

Secced Reach 7  
Tripod - 3.8-14kg  
payload, ideally  
suited to PSP/PSP+



**SEC100**

Dolly  
SC-Dolly 100H  
For 100mm/150mm  
Tripods



**PM009**

Polecam  
Harness



**PM035**

Polecam  
Rubble Sack



**PM030**

PSP/PSP+ back-  
end cover



Each sold separately

**PE031**

Poledom - Rig  
camouflage! 5  
Colours Available



**PE043**

NanoFlash  
Recorder



**TO200**

Toshiba  
IK-HDI Kit



Colour may vary

**IN002**

IndieCam  
GS2K



Cameras not included

**PH060**

3D Mount Block



**FF100**

Polecam  
FishFace Kit



**MMR01**

Microbe Mini  
Mirror Rig



**Coming Soon**

Slow motion  
Cameras.  
IDT-N5, Antelope  
Pico, Phantom Miro



**Coming Soon**

Polecam Stabilised  
Cup Holder