

POLECAM

World Leader in Specialist Jibs, Minicam's & Accessories



Polecam Starter Pack Plus (PSP+)

The simple yet effective Portable Camera Jib System



- 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

Long Head



- Canon
- Panasonic
- RED
- Sony

Wide Head



- 3D Minicam's
- Blackmagic
- DSLR's
- Invert for more options

Narrow Head



- IndieCam
- IO Industries
- LMC
- Toshiba

BB Head



- IndieCam
- IO Industries
- LMC
- Toshiba

FishFace



- Iconix
- IndieCam
- Panasonic
- Toshiba

What is the Polecam Starter Pack PLUS (PSP+)?

Breaking down the essential parts

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 Jib.

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.

Another great advantage is that the Polecam Starter Pack PLUS (PSP+) is supplied in a custom made foam which fits straight into a Peli 1770.

There are three new pan & tilt heads to choose from when selecting your Polecam Starter Pack PLUS (PSP+).

The **Narrow Head** version is ideal for Minicam's and split head cameras such as the IndieCam, I O Industries, Panasonic & Toshiba.

The **Wide Head** is designed for ~~FPV~~ use and is also great for 3D with two mini ~~cameras~~ side by side using ~~our~~ optional 3D mount ~~plate~~.

The **Long Head** is designed to cater for cameras such as the Canon C300/500, Blackmagic, RED cameras, the AF101 from Panasonic & Sony's 700.



Polecam Starter Pack PLUS (PSP+) contents:

- 1 x Polecam Starter Pack Back-End, with adjustable counter-weight system & Battery Plate (weights not included)
- 3 x Polecam Stiff Carbon Fibre Tubes (1.1 Metres / 3'.6" Each) reach.
- 1 x Pan/Tilt Head - Choice of Narrow, ~~Wide~~, Long, ~~BB~~ or FishFace
- 1 x Joystick
- 1 x Wiring loom, monitor clamp, cables for monitor power & signal
- 1 x 110/240v AC Power Supply Unit with 3 x 4-pin XLR's
- 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 Cable Strain relief strap~~
- 1 x Foam insert for Peli 1770 and pole holders.
- 1 x Quick Starter Guide and 1 x User manual

(The PSP+ is the PSP with a Monitor Clamp & Battery Plate included)

Polecam Starter Pack PLUS (PSP+) Check List

The Essentials you need to get your rig up and running

- Monitor
- Tripod
- Suitable Camera for selected Pan & Tilt unit
- Weights - 1" centre, standard dumbbells, 10/15kg (22-33lb) required depending on camera).
- Batteries
- Battery Charger
- Pelican 1770 Transit Case

Further Options to enhance your rig

- **PE100** Polecam Wire Strut System for **PSP+**
- **PE101** Polecam Wire Strut System for **PSP**
- **PM001** Polecam Elbow
- **PM031** Polecam Bin Bag Pro
- **PM009** Polecam Harness

See last page for more details

Polecam Starter Pack **PLUS (PSP+)**

Selecting the right Pan & Tilt head

PR016 - Starter Pack PLUS with **Narrow Head**

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

The Narrow Head has a 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.

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"

PR015 - Starter Pack PLUS with **Wide Head**

The Wide Head from Polecam is a 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° from 6 seconds to 45 minutes.

Wide Head Dimensions

Weight: 1.35kg / 3.07lb
 Max payload: 3.6kg / 8lb
 Overall height (pivot to base): 412mm / 19.6"
 Max load height on cradle: 200mm / 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"

PR017 - Starter Pack PLUS with **Long Head**

The Long Head is a versatile remote controlled pan and tilt unit ideal for cameras like Canon's C300/500 and Sony's 700

These cameras are "tall" due to the view finder position; is also compatible with RED cameras. The head benefits from very precise electronic speed control delivering a full 360° from 6 seconds to 45 minutes.

Long Head Dimensions

Weight: 1.42kg / 3.15lb
 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"

Remote Head Inversion

The **Long**, **Wide** & **Narrow** 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.

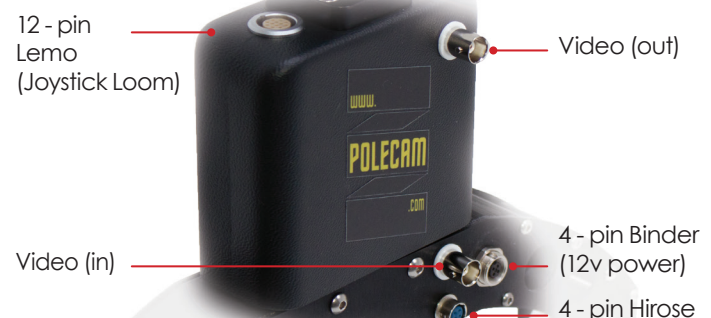
Please note...

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 super 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)



Other available options

PR040 - Starter Pack PLUS (PSP+) with **BB Head**

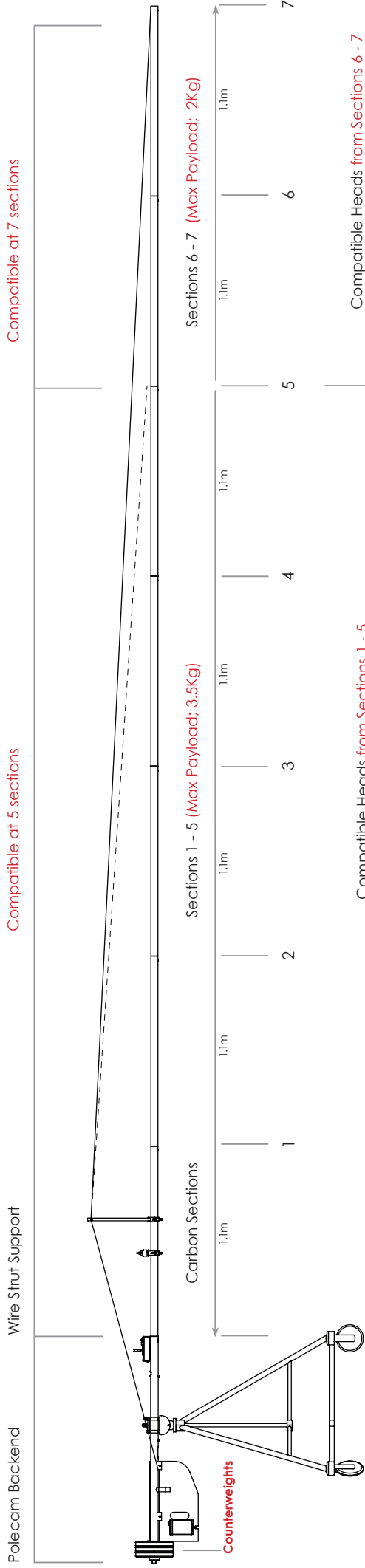
For minicam only

PR030 - Starter Pack PLUS (PSP+) with **FishFace**

For working underwater



Polecam Starter Pack (PSP/PSP+) Counterweight & Wire Strut Support Guide



Compatible at 7 sections

Compatible at 5 sections

Compatible Heads from Sections 1 - 5

Compatible Heads from Sections 6 - 7

- Long Head** (Red)
 - Wide Head** (Green)
 - Narrow Head** (Blue)
 - BB Head** (Orange)
 - FishFace** (Purple)
 - Narrow Head** (Blue)
 - BB Head** (Orange)
 - FishFace** (Purple)
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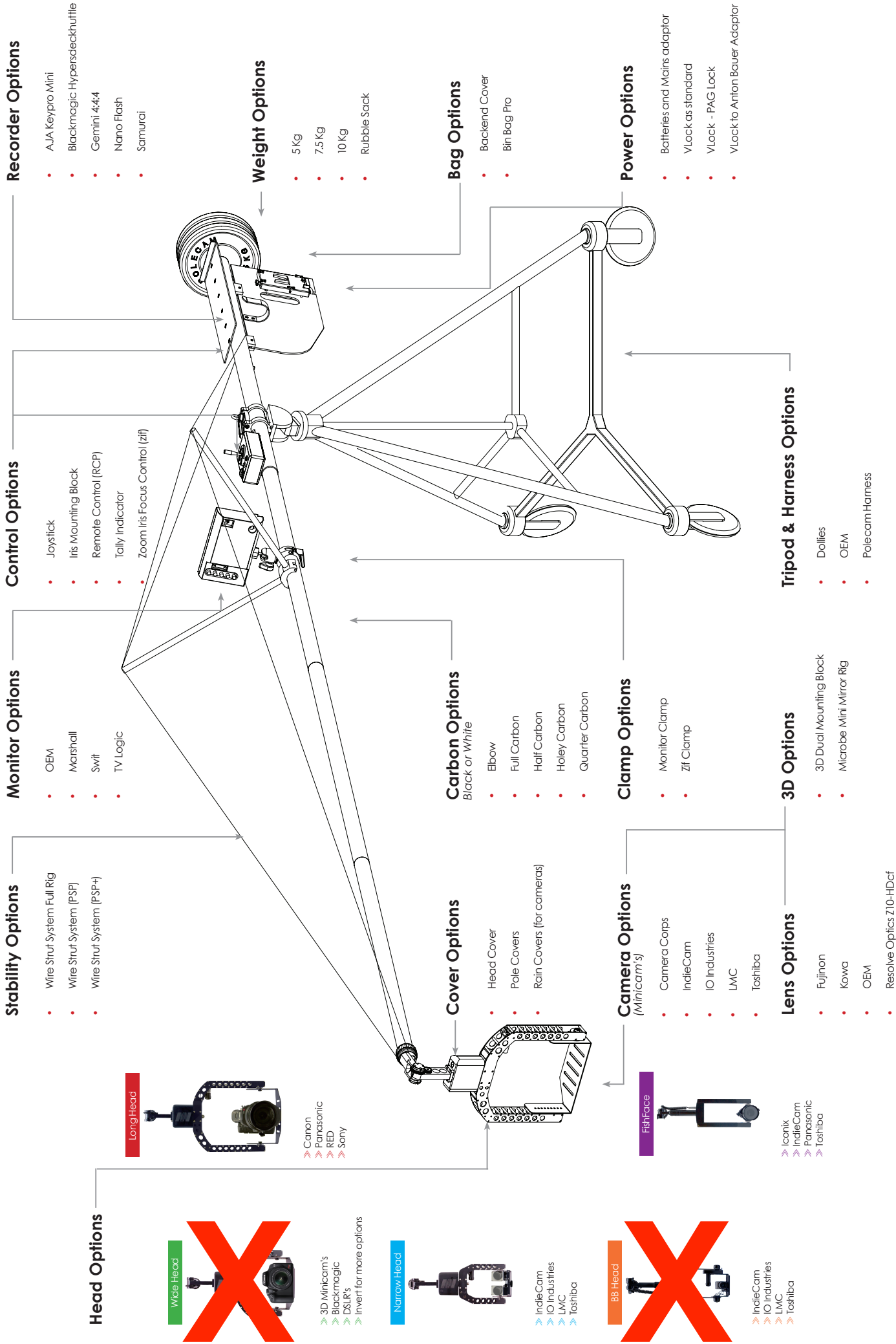
Counterweight Loading Guide

Product Code	Description	MAX Payload - 3.5Kg (as recommended by Polecam)							MAX Payload - 2Kg (as recommended by Polecam)		
		1 Carbon Section	2 Carbon Sections	3 Carbon Sections	4 Carbon Sections	5 Carbon Sections	6 Carbon Sections	7 Carbon Sections	6 Carbon Sections	7 Carbon Sections	
PR 012/017	PSP /PSP+ with Long Head	7	15	25	35	45	N/A	N/A	N/A	N/A	
PR 010/015	PSP /PSP+ with Wide Head	7	15	25	35	45	N/A	N/A	N/A	N/A	
PR 011/016	PSP /PSP+ with Narrow Head	7	15	25	35	42	40	40	50	50	
PR 040	PSP /PSP+ with BB Head	5	12	30	30	37	40	40	45	45	
PR 030	PSP /PSP+ with FishFace	5	12	15	17	22	30	30	36	36	

Wire Strut System: PE100/100B/101 (as recommended by Polecam)

Please note:
Counterweights will vary slightly subject to the equipment loaded to the "Backend" (Batteries, RCP's, Interface units etc)

Polecam Starter Pack & Starter Pack Plus (PSP/PSP+) Product Guide



Stability Options

- Wire Strut System Full Rig
- Wire Strut System (PSP)
- Wire Strut System (PSP+)

Monitor Options

- OEM
- Marshall
- Swift
- TV Logic

Control Options

- Joystick
- Iris Mounting Block
- Remote Control (RCP)
- Tally Indicator
- Zoom Iris Focus Control (zif)

Recorder Options

- AJA Keypro Mini
- Blackmagic Hypersdeck Shuttle
- Gemini 4:4:4
- Nano Flash
- Samurai

Head Options

Wide Head

- >> 3D Minicam's
- >> Blackmagic
- >> DSLR's
- >> Invert for more options

Narrow Head

Narrow Head

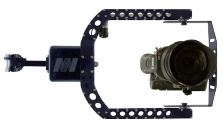
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BB Head

BB Head

- >> IndieCam
- >> IO Industries
- >> LMC
- >> Toshiba

Long Head



- >> Canon
- >> Panasonic
- >> RED
- >> Sony

Cover Options

- Head Cover
- Pole Covers
- Rain Covers (for cameras)

Carbon Options

Black or White

- Elbow
- Full Carbon
- Half Carbon
- Holy Carbon
- Quarter Carbon

Camera Options

(Minicam's)

- Camera Corps
- IndieCam
- IO Industries
- LMC
- Toshiba

Clamp Options

- Monitor Clamp
- Zif Clamp

Lens Options

- Fujinon
- Kowa
- OEM
- Resolve Optics Z10-HDcf

3D Options

- 3D Dual Mounting Block
- Microbe Mini Mirror Rig

Tripod & Harness Options

- Dollies
- OEM
- Polecam Harness

Weight Options

- 5 Kg
- 7.5 Kg
- 10 Kg
- Rubble Sack

Bag Options

- Backend Cover
- Bin Bag Pro

Power Options

- Batteries and Mains adaptor
- VLock as standard
- VLock - PAG Lock
- VLock to Anton Bauer Adaptor

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P
O
L
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C
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M

Documentaries Sport Music Broadcast Underwater Weddings Nature Medical Commercial 3D Underwater Land



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