

G3 GH / G3 5D Gimbal Parameter Adjustment Suggestion

G3 GH/5D Gimbal parameter adjustment suggestion information are listed as below. Please be noted that the camera weight is relative to TILT setup process.

I. G3 Gimbal V1.0 Parameter Suggestion:

Damper Combination: 50° Yellow Damper * 8pcs
50° Black Damper * 4pcs

1. Sony A6000 Camera with F2.8 prime lens

Camera weight: 420g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	36	10	36	36	

2. Sony A6000 Camera with F2.8 prime lens

Camera weight: 420g

With extension mounting plate: 130g for total weight 550g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	40	10	43	43	

3. GH4 Camera with F2.0 prime lens

Camera weight: 690g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	45	10	45	45	
TILT	50	10	50	50	When adding 70g extension mounting plate make total weight up to 760g.

4. GH4 Camera with Panasonic F2.8 prime lens 12-35 zoom lens

Camera weight: 860g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	50	10	50	50	

5. Sony A65 Camera with F3.5 prime lens 16-80 zoom lens

Camera weight: 1070g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	36	10	85	85	

6. Canon 5DIII Camera with 4.0 prime lens 17-40 zoom lens

Camera weight: 1470g

	P	I	D	Power	Remark
PAN	65	10	100	100	
ROLL	70	10	80	80	
TILT	35	10	85	85	

II. G3 Gimbal V2.0 Parameter Suggestion:

Damper Combination: 50° Yellow Damper * 8pcs

50° Black Damper * 4pcs

1. Camera weight: More than 1 KG

	P	D	Power	Remark
PAN	65	100	100	
ROLL	70	80	80	
TILT	35~39	85	85	

NOTE: The more camera weight (over 1KG), the lower P Gain should be set.

2. Camera weight: 600g~1KG

	P	D	Power	Remark
PAN	65	100	100	
ROLL	70	80	80	
TILT	45~50	50	50	

3. Camera weight around 500g

	P	D	Power	Remark
PAN	65	100	100	
ROLL	70	80	80	
TILT	38~40	43	43	

4. Camera weight around 400g

	P	D	Power	Remark
PAN	65	100	100	
ROLL	70	80	80	
TILT	35~37	37	37	

NOTE: The lower camera weight (lower than 1KG), the higher P Gain should be set.