

FPV DRONE BUYING GUIDE



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LOW BUDGET KIT

(~25000/-)

S.No	Item	Product	Description	Link
1	Radio Transmitter	FlySky FS-i6 2.4G 6CH	Good Entry level transmitter, lacks premium feel, less range, no telemetry, comes with a receiver	- https://www.banggood.in/custlink/vG3m9js0qg
2	Radio Receiver	Flysky X6B	Good small receiver with iBus which is fast protocol b/w RC link and FC	- https://www.banggood.in/custlink/DKKvZjA279
3	Frame	HSKRC XL5	Buy 5' version	- https://www.banggood.in/custlink/3Kv3loQUwI
4	Motors	DYS Samguk	Buy 4x	- https://www.banggood.in/custlink/mKmD9oNM17
5	ESCs	SPEDIX ES30	Buy 4x	- https://www.banggood.in/custlink/G3KDIjNAEK
6	Flight Controller	CL Racing	On board PDB	- https://bit.ly/2MkRMTZ
7	FPV Camers	Foxeer HS1177	2.1mm lens will give more field of view as compared to 2.5mm lens	- https://www.banggood.in/custlink/GvKm9jQsiO
8	Video Transmitter	AKK X2	BUY SMA FEMALE VERSION ONLY	- https://www.banggood.in/custlink/KmK3ZLn7ta
9	Video Antenna	Foxeer	BUY SMA MALE VERSION ONLY	- https://www.banggood.in/custlink/vmvDSOnbSb
10	FPV Goggles	Eachine	Good entry level goggles with diversity	- https://www.banggood.in/custlink/Kmv3ilnwGk
11	Propellers	HQProp	Buy Multiple for backup	- https://www.banggood.in/custlink/DKvD8aNfID

MEDIUM BUDGET KIT

(~38000/-)

S.No	Item	Product	Description	Link
1	Radio Transmitter	Frsky Qx7	Amazing Radio for the price point	- https://www.banggood.in/custlink/vKDDZaNkL
2	Radio Receiver	RXsr	Compact and good range	- https://www.banggood.in/custlink/mGG38OsgkW
3	Frame	Transtec frog	Durable frame with bottom mounted battery	- https://www.banggood.in/custlink/mvmGZonsJ0
4	Motors	Racerstars	5 motors in pack, 1 for backup	- https://www.banggood.in/custlink/3vmKILQ7D3
5	ESCs	SPEDIX ES30	Buy 4x	- https://www.banggood.in/custlink/G3KDIjNAEK
6	Flight Controller	DALRC	All in one FC	- https://bit.ly/2YHcggf
7	FPV Camers	Runcam swift	2.1mm lens will give more field of view as compared to 2.5mm lens	- https://www.banggood.in/custlink/KKGG8LNAIB
8	Video Transmitter	AKK X2	BUY SMA FEMALE VERSION ONLY	- https://www.banggood.in/custlink/KmK3ZLn7ta
9	Video Antenna	Foxeer	BUY SMA MALE VERSION ONLY	- https://www.banggood.in/custlink/vmvDSOnbSb
10	FPV Goggles	Eachine	Diversity and in built receiver	- https://www.banggood.in/custlink/33GKIbAHw
11	Propellers	HQProp	Buy Multiple for backup	- https://www.banggood.in/custlink/DKvD8aNfID

ELITE BUDGET KIT

(~75000/-)

S.No	Item	Product	Description	Link
1	Radio Transmitter	Frsky Qx7	Amazing Radio for the price point	- https://www.banggood.in/custlink/vKDDZaNkL
2	Radio Receiver	Rxsr	Compact and good range	- https://www.banggood.in/custlink/mGG38OsgkW
3	Frame	Chameleon Ti	Frame with lifetime crash and replace warranty	- https://www.armattanquads.com/chameleon-ti-5-inch/
4	Motors	F40 Pro	Buy 4x	- https://www.banggood.in/custlink/KDvDSONnKY
5	ESCs	Razor32	Buy 4x	- https://www.banggood.in/custlink/mKvGSLbAh7
6	Flight Controller	DALRC	All in one FC	- https://bit.ly/2YHcggf
7	FPV Camers	Runcam swift	2.1mm lens will give more field of view as compared to 2.5mm lens	- https://www.banggood.in/custlink/KKGG8LNAIB
8	Video Transmitter	AKK X2	BUY SMA FEMALE VERSION ONLY	- https://www.banggood.in/custlink/KmK3ZLn7ta
9	Video Antenna	Foxeer	BUY SMA MALE VERSION ONLY	- https://www.banggood.in/custlink/vmvDSOnbSb
10	FPV Goggles	Fatsharks Dom HD	Need to buy separate receiver	- https://www.banggood.in/custlink/DDKDZOnAIW
11	Propellers	HQProp	Buy Multiple for backup	- https://www.banggood.in/custlink/DKvD8aNfID

COMMON ITEMS TO BUY

S.No	Item	Product	Description	Link
1	XT-60 Pigtail		For Powering the drone	- https://www.banggood.in/custlink/KvD38a2Gj2
2	Batteries	1300mAh 4S 14.8V 100C	CHOOSE INDIAN WAREHOUSE	- https://www.ampow.com
3	Soldering Iron		Temp controlled	- https://amzn.to/2MeuXRv
4	Glue Gun		Free glue sticks	- https://amzn.to/2KvjJ9t
5	Multimeter		Most imp tool	- https://amzn.to/2Mbh07b
6	Battery Straps		Buy multiple for backups	- https://amzn.to/31AxKZa
7	Nylon Standoff		OPTIONAL / GOOD TO HAVE	- https://amzn.to/2Z1eXV4
8	Landing Pad			https://bit.ly/2ZYuW7l
9	Wire Cutter		MUST HAVE	- https://amzn.to/33wQlkX
10	Wire Stripper		MUST HAVE	- https://amzn.to/31y582A
11	Tweezers		MUST HAVE	- https://amzn.to/2McOT01
12	Zip Ties		MUST HAVE	- https://amzn.to/2MW2YWI
13	Helping Hands		OPTIONAL / GOOD TO HAVE	- https://amzn.to/2KwCARn
14	Prop Tool			- https://bit.ly/2OOolpN
15	Hex Driver set		MUST HAVE	- https://amzn.to/2ToW8tR

16	HEAT SHRINKS		MUST HAVE	- https://amzn.to/2Z14SeM
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Shipping Tips:

DISCLAIMER

#1 : I am not responsible for any part you importing being stucked in customs or lost during transit, please respect my time and privacy and don't ping me asking for help with shippings and customs. Import on your own responsibility, I am not liable for any of your loss. Thank You!

#2 : I do not in any mean support foreign product over domestic products, that being said there are not many manufacturers in India making Drone Parts, most of them are importing from China itself and re-selling locally. It can be a bit costly via those channels but it's easy to get parts from them w/o worrying about customs. If you want to buy from local channels check my Youtube Top shops in India videos on my channel.

#3 : I do not support stealing taxes and If you're importing any good you should pay appropriate custom duties but that being said, I know from the fact that custom charges are not well defined in India and they can charge irrationally. If you earn good please be genuine and pay them. If you are still studying you may get away with them by declaring value of items less which again I do not support at all.

International shipping takes times and can be daunting and frustrating especially when the package includes electronics , below are some of my tips which you can use while importing above items, these are my personal tips which I've observed being in the hobby for more than 5+ years and importing items from abroad.

1- Divide the items in multiple package and keep the billing cost low < 80\$ or even 50\$ to save on unnecessary custom charges .

2- Ask you seller (in additional comments section of website) to mention the cost of item low, not very low but reasonable low to avoid paying customs.

3- Ask your seller not to mention "DRONE" anywhere on the package

4- Importing goods which works on Radio Frequency can get stucked in customs. There were incidents where people importing Radio Transmitters gets impounded by the customs and they need to submit a NoC from Tele-communication Department, while some people were lucky to get it and they import it

often. I've personally never imported a Radio transmitter so import it at your own risk, though I've imported Video Transmitters which works on 5.8Ghz frequency many times and never had any issues.

5- Same for batteries, some sellers don't ship batteries because they are dangerous in flights. Some sellers do ship batteries via sea. It's recommended to get batteries locally from India and ask seller to ship via road service like DTDC surface. Again import on your own risk.

6- It is recommended to go for cheapest shipping carrier with TRACKING number this does takes time but is cheap, like China Post, HongKong Post. Once the item enters India they handover it to India post which deliver it to your doorstep.

7- If in hurry use expedited shipping method which is costly and ask for KYC and custom duties.

8- Share your personal details on your own risk, for ex: banggood.in is a Chinese site which accepts UPI mode of payment but demands PAN and ADHAR Number.

9- Take shipping insurance which is not very costly but if your goods gets lost the seller will pay you back your entire amount or ship again.

If you've found me useful or have any feedbacks about this document please follow and DM me on Instagram - <https://instagram.com/iAyanPahwa> or email me at - codeNsolder@gmail.com

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