

The key differences between the i-SPEED 3 series are :

Feature	i-SPEED TR	i-SPEED 3	i-SPEED FS	i-SPEED DF
<b>Max fps</b>	10,000fps	150,000fps	1,000,000fps	150,000fps
<b>Minimum shutter time</b>	2.16uS	1uS	200nS	1uS
<b>Video trigger</b>	No	3 areas	3 areas	3 areas
<b>Economy modes</b>	9 Pre-set, 16:9	9 Pre-set, 16:9 and Manual	9 Pre-set, 16:9 and Manual	9 Pre-set, 16:9 and Manual
<b>Manual set speed</b>	No	Yes	Yes	Yes
<b>Manual set shutter</b>	No	Yes	Yes	Yes
<b>Measurement on CDU</b>	Distance/Speed Angle/Angular Velocity	Distance/Speed Acceleration. Angle/Angular Velocity/Angular Acceleration	Distance/Speed Acceleration. Angle/Angular Velocity/Angular Acceleration	Distance/Speed Acceleration. Angle/Angular Velocity/Angular Acceleration
<b>Alignment grid</b>	No	Yes	Yes	Yes
<b>Random snapshot mode</b>	No	Yes	Yes	Yes
<b>Internal battery</b>	Optional	Included	Included	Included
<b>Feature lead</b>	Optional	Included	Included	Included

Feature	i-SPEED TR	i-SPEED 3	i-SPEED FS	i-SPEED DF
<b>Picture edit</b>	Brightness, contrast, W/B	Brightness, contrast, Invert, Colour, Sharp Gamma, Gain, Dynamic range	Brightness, contrast, Invert, Colour, Sharp Gamma, Gain, Dynamic range	Brightness, contrast, Invert, Colour, Sharp Gamma, Gain, Dynamic range
<b>IRIG B and timestamp</b>	No	No	Yes	No
<b>IRIG B sync</b>	No	No	Yes	No
<b>Start-up logo</b>	No	Yes	Yes	Yes
<b>Permanent text</b>	No	Yes	Yes	Yes
<b>User settings</b>	5 on camera	5 on camera, unlimited on CF	5 on camera, unlimited on CF	5 on camera, unlimited on CF
<b>PIV double pulse</b>	No	No	No	Yes, controlled via SDK
<b>SDK</b>	Optional	Optional	Optional	Included

Upgrades are available between camera models.