Xsens MVN
MVN Animate

Motion Capture for 3D Character Animation

Xsens MVN (Hardware)

MVN Link   MVN Awinda

MVN Link	Specification	MVN Awinda
Lycra suit	**Version**	Strap-based
17 wired trackers	**Trackers**	17 wireless trackers
Production quality	**Data**	Production quality
Fast	**Setup**	Even faster
20 ms	**Latency**	30 ms
One Access Point for Multiple actors	**Data link**	One Awinda station per actor
One battery	**Battery management**	Rechargable trackers
10 hours	**Battery life**	6 hours
	Wireless range	
50 m / 150 ft	**Indoor**	20 m / 60 ft
150 m / 450 ft	**Outdoor**	50 m / 150 ft
10 min	**On-body buffering**	2 min
1000 Hz	**Internal update rate**	1000 Hz
240 Hz	**Output rate**	60 Hz

MVN Animate (Software)

Feature	MVN Animate	MVN Animate Pro
Multi Person	Yes	Yes
Network Streamer (for plug-ins)	No	Yes, all major 3D packages
Advanced Configurations	No	Yes
Advanced Scenarios	No	Yes
Reference Camera support	No	Yes
Export as movie	No	Yes
Time code & remote control	No	Yes

Animate Engine		
Real-time solver	Yes	Yes
Offline solver	Yes	Yes