

# iSen packages & analysis protocols



**2019**

NUMBER OF SENSORS: **1** **2** **3** **4** **5** **6** **7** **8** **9** **14** **16** **17**

ISEN LICENSE: ≤ 1 sensor ≤ 2 sensors ≤ 3 sensors ≤ 4 sensors ≤ 5 sensors ≤ 6 sensors ≤ 7 sensors ≤ 8 sensors ≤ 9 sensors ≤ 14 sensors ≤ 16 sensors ≤ 17 sensors

	≤ 1 sensor	≤ 2 sensors	≤ 3 sensors	≤ 4 sensors	≤ 5 sensors	≤ 6 sensors	≤ 7 sensors	≤ 8 sensors	≤ 9 sensors	≤ 14 sensors	≤ 16 sensors	≤ 17 sensors
1 ▶ Basic gait analysis (pelvis)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 ▶ Countermovement jump	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 ▶ Pelvic acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 ▶ Left ankle (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 ▶ Right ankle (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 ▶ Left knee (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 ▶ Right knee (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8 ▶ Left hip (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9 ▶ Right hip (free/gait)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10 ▶ Left elbow		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11 ▶ Right elbow		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12 ▶ Left shoulder		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13 ▶ Right shoulder		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14 ▶ Neck and head		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15 ▶ Left wrist		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16 ▶ Right wrist		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17 ▶ Pelvis and torso		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18 ▶ Torso and arms			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19 ▶ Right shoulder and elbow			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20 ▶ Left shoulder and elbow			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21 ▶ Left arm				✓	✓	✓	✓	✓	✓	✓	✓	✓
22 ▶ Right arm				✓	✓	✓	✓	✓	✓	✓	✓	✓
23 ▶ Cervical, pelvis & thighs				✓	✓	✓	✓	✓	✓	✓	✓	✓
24 ▶ Both knees (free/gait)				✓	✓	✓	✓	✓	✓	✓	✓	✓
25 ▶ Left leg (free/gait)				✓	✓	✓	✓	✓	✓	✓	✓	✓
26 ▶ Right leg (free/gait)				✓	✓	✓	✓	✓	✓	✓	✓	✓
27 ▶ Both ankles (free/gait)				✓	✓	✓	✓	✓	✓	✓	✓	✓
28 ▶ Both arms (no torso)				✓	✓	✓	✓	✓	✓	✓	✓	✓
29 ▶ Pelvis, back and head				✓	✓	✓	✓	✓	✓	✓	✓	✓
30 ▶ Lower body (hips & knees)					✓	✓	✓	✓	✓	✓	✓	✓
31 ▶ Back, arms & thighs						✓	✓	✓	✓	✓	✓	✓
32 ▶ Lower body (std. Gait)							✓	✓	✓	✓	✓	✓
33 ▶ Lower body + back								✓	✓	✓	✓	✓
34 ▶ Upper body								✓	✓	✓	✓	✓
35 ▶ Lower body + heels									✓	✓	✓	✓
36 ▶ Full-body (no hands) N-pose										✓	✓	✓
37 ▶ Full-body (no hands) T-pose										✓	✓	✓
38 ▶ Full-body N-pose											✓	✓
39 ▶ Full-body T-pose											✓	✓
40 ▶ Full-body (basic) N-pose & tool											✓	✓
41 ▶ Full-body N-pose & tool												✓

**Included:** All items to run the system except the computer:

Permanent software license and dongle, Inertial sensors, charging cables, Wi-Fi dual band router and cabling, transport case, straps, charging hub

**Currently in construction:**

- ▶ Front jump with 1 sensor
- ▶ Simple running analysis with 1 sensor
- ▶ Upper body with 5 sensors

**iSen 2019**

Date: December 1, 2018