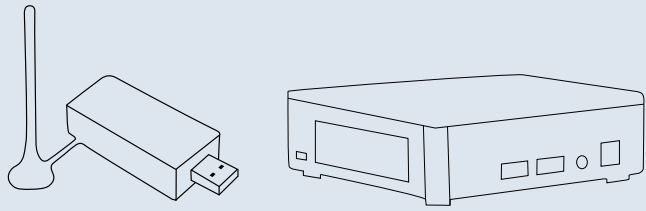**SONY**

PRODUCT FACT SHEET

Edge device & sensor gateway

(Intel NUC & Sony gateway XT-0001)

Description of Edge device
Installed at strategic positions across the office floor to collect occupancy sensor data from the target area and transmit to the Nimway cloud. *Minimum 1 per floor, minimum 1 per floor plan screen.*

Description of Sensor gateway
A USB antenna that connects to the edge device and handles all sensor events coming from the Sony occupancy sensors. R*equires an edge device.*

Product benefits
The Nimway edge device and sensor gateway work together as a router to collect data from your Sony occupancy sensors and transmit that data to the Nimway cloud. They also connect retrieve your occupancy data and display it on the digital floor plan screens using HDMIdirectly to the digital floor plan screens. The edge device has a robust design, small form factor, and low power consumption—making it a discrete way to ensure proper running of your Nimway installation.

PARAMETER	SPECIFICATION: EDGE DEVICE
Dimensions	117 mm x 112 mm x 37 mm
Power	AC power adapter
Operating temperatures	0–40 °C
Operating system	Linux based Nimway OS
Ports used	443 – Standard communication (UDP/TCP) 123 – NTP (If not provided over DHCP) 53 – DNS to IPs: 8.8.8.8 and 8.8.4.4 (if not provided over DHCP) 1x Mains and Network for Edge device

PARAMETER	SPECIFICATION: SENSOR GATEWAY
Radio frequency	Sub 1 GHz ISM Bands*
Radio maximum output power	Less than +14 dBm
Radio features	LBT (Listen Before Talk), AFA (Automatic Frequency Agility)
Radio indoor range	~60 m
Target environment	0–40 °C
Weight	~60 g
Dimensions (L x W x H)	122 x 28 x 30 mm
Max # of sensors per edge device	At least 600 sensors
Gateway dimensions (L x W x H)	65 x 30 x 16 mm (excl. USB connector)
Antenna dimensions (H x Ø)	105 x 34 mm
Facility requirement	1 power outlet for Edge device 1 Ethernet connection with internet access Ports 443 (HTTPS) and 123 (NTP) needs to be open. Port 53 (to 8.8.8.8 and 8.8.4.4) is needed if no DNS is provided over DHCP. DHCP assigned IPs, gateway and preferably DNS. Both TCP and UDP are used

* Specific ISM Bands per region: India (865 MHz), EU (868 MHz), US and CAN (915 MHz), Singapore (920 MHz), Japan (928 MHz).

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