JC-STAR★1
Authenticated

1NCE

COWBELL ENGINEERING CO.,LTD.

NailEdge

High-Performance Edge Devices

Exclusively for "1NCE" SIM cards!
Directly connects sensors and equipment to the Internet

Cellular connectivity with ZERO running costs!
Edge device with connectivity anywhere!

Point 1

Low price No running costs

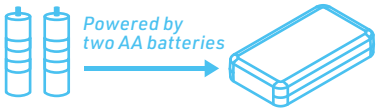
Unlimited data usage up to 500MB over 10 years! Drastically reduces IoT communication costs!

Maintenance-Free
No LTE or
Cloud usage fees ¥0

Point 2

Battery-powered Easy installation anywhere

No wiring work required! Ideal for outdoor and remote locations!



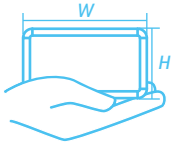
*DC power (USB Type-C) option available
*Maintenance-Free operation via solar panel connection

Point 3

Small, Lightweight, and space-saving device

Compact unit with a built-in LTE antenna! Ideal for tight spaces!

H: 76mm
W:135mm
D: 27mm



[Option] Replaceable external antenna available

Point 4

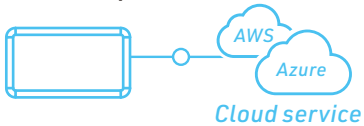
Device-to-Device RPA control with zero cloud costs

7 days of data storage and no cloud cost! RPA control across devices!

Point 5

Integrates with existing cloud services

API integration available for Azure, AWS, and more! Email notifications via the 1NCE platform!



Point 6

Built-in eSIM for enhanced vibration resistance

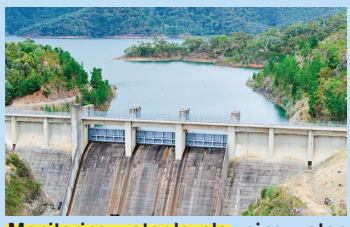
Integrated design ensures high vibration resistance! Reduces the risk of loss and damage!

*Compatible with SIM cards as well

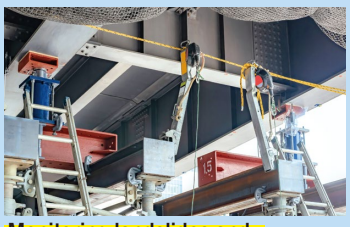
Use cases for the "NailEdge" High-Performance Edge Devices

Monitoring equipment operation via power, current, and voltage measurements

Tracking equipment location



Monitoring water levels using water level sensors



Monitoring landslides and structural cracks

NailEdge is the ultimate high-performance edge device solution for “1NCE SIM” cards

Zero running costs!

No LTE communi-cation fees × No cloud usage fees × No maintenance fees

Customization available

Various services / AI / COWBELL Azure account / Long-term storage

1NCE Server

7-day data retention

Paid upgrades available

Integration with your Azure or AWS cloud

Microsoft Azure / AWS

- Data transmission via "1NCE OS"
- API integration supported
- Integration via AWS IoT Core and HTTPS Webhooks

NailEdge I/O Monitoring

Bridge Cloud / Microsoft Azure

Device-to-device control

LTE network (1NCE) → NailEdge

Evaluate input sensor values and notify or display them on the device

4-20mA / 0-5V / Dry contact → Sensor

Contact output → Lamp

Cloud-free visualization and control via the Windows management app

Free download of the Windows management app

Click here for details!

Internet network → Windows (Management PC)

LTE network (1NCE) → NailEdge

- 4-20mA / 0-5V / Dry contact → Sensor
- Contact output → Lamp
- BLE communi-cation → Sensor
- Contact output → Lamp

Distributor

Manufacturer

COWBELL ENGINEERING CO., LTD.

iot-m2m@cowbell.co.jp

cowbell.co.jp/en/

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Specifications are subject to change without notice. Information is current as of July 2026.

Ver.6.00