

Comlink Cloud Unit W5-B

Alert transmitter with 8 inputs and 2 outputs.
For remote monitoring, control & automatic alerts.
Comes with Mobile app and Web platform.

Comlink Cloud Unit W5-B is the new generations IoT hardware for remote monitoring and control of various types of industrial and technical equipment. The unit is used together with a Cloud Subscription. The built-in roaming SIM card is compatible with most mobile network providers worldwide (4G -LTE-M1 and 2G), enabling it to connect to the strongest mobile network on the installation site.

The unit is used for real-time monitoring, remote troubleshooting, access control, remote control, operational alerts, forecast-based service, data collection, statistics, event logs, and more. Automatic alerts can be sent via email, SMS, and push notification to the app (iOS & Android).

Monitoring & Alerts

The unit has eight analogue inputs, which also can be used as digital. Obtain a full overview of your installations, with remote monitoring and colour coded statuses. The app enables quick real-time status view of the equipment's sensors. In the Web platform you can group units as needed, as well as troubleshoot with real-time data and event logs. All operational data easily accessible from one single system.

Customize alerts for all inputs. Email, SMS, and push notification with warnings or resets can be sent automatically to selected recipients. Automatic alerts can be disabled during specific days and times, with customizable schedules.



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Annual timer

The annual timer lets you pre-configure schedules when to activate the unit's outputs, for example to keep a gate open during office hours. Exceptions for national holidays are available, which can be adjusted as needed.

Customize what days and times specific users are allowed to control the unit, for example restrict a user to only be able to open the gate during office hours.

Remote Control & Access Control

Control the two relay outputs via the app, a phone call, the Web platform, annual timer, or SMS. The outputs can either be activated a selected number of seconds or switched on/off. The log gives a full overview of events, for example who activated *Remote stop* of a pump and at what time.

Use the app for one or two outputs, for example control a pump with a button for *Remote stop* and a button for *Forced run*. The Web platform lets you easily configure who can call the unit to activate outputs, as well as set users' app permissions. Select who is allowed to view real-time statuses, use remote control, and/or receive push notifications. Adjust days and times the user is authorized to control the unit. Up to 1000 users per unit.

GPS

The built-in GPS enables automatic positioning of the unit. View map in both the app and Web platform. Save time on field visits where the unit can be difficult to locate, for example in large industrial areas. GPS also provides advantages for companies renting equipment. GPS compatible antenna required (ordered separately).

Pulse Counter Function

Count pulses/cycles on one of the inputs. Often used to measuring uptime, runtime functions, mechanical tracking, gauging consumption, count number of openings, estimate next service date based on usage, and more. Adjustable total and interval counter.

Remote Configuration

All units can be configured remotely in the Web platform, where you also can organize, group, monitor, and control all your installations. Tailored permissions to the units can be shared to colleagues, customers, and suppliers. All installations and all data in one place – monitored, secure and easily accessible.

Battery Backup

In the event of power outage, the internal battery backup powers the unit for approx. five hours with full functionality. Monitor external power supply, receive automatic alerts, and be notified when power returns. Battery backup is included as standard (W5-B). Cloud Unit can also be ordered without battery backup (W5).

Technical Information

Power Supply

- Input voltage: 9-24 V AC or 9-28V DC
- Power consumption, nom.: 30 mA at 24V DC
- Power consumption, max.: 500 mA at 24V DC
- Temperature range in operation: -30 - +70°C (0 - +35°C for W5-B)

The Unit

- Dimensions L x W x H: 93 x 69 x 26mm
- Weight, not including battery backup: 110g
- Robust aluminium casing
- Installed using screws or DIN clips (ordered separately)

Connections

- 8 analogue inputs (max 28V DC)
Can also be used as digital
- 2 relay outputs N/O (max 30V DC, 1A)
Control via app, phone call, SMS, web, timer
- Cable area, max: 1.5 mm²

Package Contains

- Comlink Cloud Unit W5-B
- GSM/LTE Dipole antenna
- Pluggable 16-pin screw terminal block
- Power Supply 24V DC

Cloud Subscription & SIM card

- The unit is used together with Comlink Cloud Subscription
- Pre-installed roaming Micro-SIM (4G -LTE-M1 and 2G)
- Continuous remote firmware updates included

Accessories

- GPS/LTE combi antenna (Required for GPS functionality)
- Antenna extension
- DIN clips
- Magnet contact