

## Top security features to look for in weather stations

Having access to critical weather data, key individuals can use that information to forecast and guide the decision-making process. When researching what weather station is right for you, consider these critical security features to ensure data security.

Vaisala weather stations are designed with reliability and security in mind to keep your information accessible and intact.



### 1 No hard coded user accounts and passwords

Secure management of user credentials where the application does not store credentials or transmit unencrypted credentials at any time.

### 2 Secure boot

Helps a system resist attacks and infection from malware.

### 3 Arm® TrustZone® technology protected private keys

A methodology to isolate security critical components in a system.

### 4 Encrypted flash memory

Protect the confidential information stored on the weather station's devices and ensure that the data remains safe in the event of theft or accidental loss.

### 5 Root file system integrity

Help prevent potentially malicious software from modifying protected data.

### 6 Encrypted installation package

Verify and maintain the integrity of the system and prevent hackers from tampering with it.

### 7 User accounts with minimum access rights

Allow only enough access to perform the required job and reduce the risk of attackers gaining access to critical systems or sensitive data.

### 8 Device certificate ensuring device authenticity

Enable only authorized devices to connect to your network or other devices and applications on your network.

### 9 Firewall - all ports closed by default

Do not leave unnecessary ports open and vulnerable to hackers and malware attacks.