



ALL3420

ALLNET MSR SENSOR ANEMOMETER WINDMESSER



KURZANLEITUNG

1. Lieferumfang:

Bitte prüfen Sie die Verpackung und den Inhalt auf Schäden:

- Deutet an der Verpackung etwas darauf hin, dass beim Transport etwas beschädigt wurde?
- Sind am Gehäuse Gebrauchsspuren zu erkennen?

Sie dürfen das Gerät auf keinen Fall in Betrieb nehmen, wenn es beschädigt ist. Wenden Sie sich im Zweifelsfall an unseren technischen Kundendienst.

Verpackungsinhalt

- 1x ALLNET® ALL3420 Zentrale
- 1x Windmesser
- 1x Halterung
- 1x 12V DC Netzteil
- 1x WLAN Antenne
- 1x 20m Kabel zum Windmesser



Sicherheitshinweise

Beachten Sie unbedingt folgende Hinweise:

- Öffnen Sie niemals das Gerät.
- Führen Sie niemals eine Installation während eines Gewitters durch.
- Stellen Sie sicher, dass Leitungen stolper- und trittsicher verlegt werden.
- Setzen Sie das Gerät im Betrieb niemals direkter Sonneneinstrahlung aus.
- Betreiben Sie das Gerät niemals in der Nähe von Wärmequellen.
- Stellen Sie das Gerät niemals auf Oberflächen, die wärmeempfindlich sind.
- Schützen Sie das Gerät vor Nässe, Staub, Flüssigkeiten und Dämpfen.
- Verwenden Sie das Gerät nicht in Feuchträumen und keinesfalls in explosionsgefährdeten Bereichen.
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Aufstellungs- und Montageort

Allgemein:

Hier unterscheidet man zwischen der IP-Zentrale ALL3420 und dem Anemometer.

Die ALL3420 Zentrale darf nur in trockenen Innenbereichen verwendet werden. Sorgen Sie für ausreichende Belüftung. Der Einbau hat so zu erfolgen, dass die Kabel (Netzkabel und Anschlusskabel) nicht unter Zug sind, da diese sich sonst lösen können.

Das Anemometer ist IP65 und kann natürlich draußen verwendet werden. Der Temperaturbereich ist -40°C – $+70^{\circ}\text{C}$, Luftfeuchte 0~100%. Weitere Informationen entnehmen Sie bitte dem Datenblatt.

2. Standardwerte:

IP-Adresse	192.168.0.100
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Zurücksetzen auf Werkseinstellungen

Für den Fall, dass Ihre ALL3420 durch fehlerhafte Benutzereinstellungen oder ein vergessenes Passwort nicht mehr erreichbar ist, können Sie über nachfolgende Reset-Prozedur alle Einstellungen im Gerät wieder auf den Auslieferungszustand zurücksetzen (alle Einstellungen und Werte gehen dabei verloren):

- Gerät stromlos machen.
- Mittels eines nichtleitenden spitzen Gegenstandes (z.B. Zahnstocher) die RESET-Taste drücken und gedrückt halten
- **(Der Knopf muss gedrückt bleiben!).**
- Die ALL3420 nun wieder mit Strom versorgen und ca. 45 Sekunden warten.
- Erst jetzt die Reset-Taste wieder loslassen.

Jetzt ist der Reset-Vorgang abgeschlossen und alle Einstellungen sind wieder im Auslieferungszustand.

3. Anpassen der ALL3420 an Ihr Netzwerk

- Verbinden Sie Ihre ALL3420 mittels beigefügtem LAN Kabel mit Ihrem Netzwerk. Achten Sie dabei darauf, dass die Stecker hörbar einrasten.
- Die ALL3420 kommuniziert mit Hilfe des TCP/IP-Protokolls mit den angeschlossenen Komponenten. Damit die ALL3420 von Ihrem PC/MAC erkannt wird, müssen sich die ALL3420 und der PC/MAC im selben Netzwerksegment befinden.
Standardmäßig hat die ALL3420 folgende IP-Adresse:
192.168.0.100 – kein Benutzername und kein Passwort
- Bitte stellen Sie nun den PC/MAC temporär auf eine freie Adresse zwischen 192.168.0.1 – 192.168.0.254 (nicht 192.168.0.100 – diese ist schon von der ALL3420 vorbelegt) ein.
Im Idealfall können Sie für Ihre PC-Netzwerkschnittstelle eine zweite IP-Adresse für den Bereich mit 192.168.0.xxx vergeben.
- Wenn Sie nun im Webbrowser (Firefox, Chrome, etc..) die Adresse 192.168.0.100 eingeben, erscheint die erste Seite zur Spracheinstellung der ALL3420:



- e. Wählen Sie die gewünschte Sprache im Dropdown-Menü aus und speichern Sie Ihre Einstellungen ab. Automatisch werden Sie auf den nächsten Konfigurationspunkt weitergeleitet.
- f. Hier können Sie der ALL3420 eine IP-Adresse aus Ihrem Netzwerksegment geben.

Statisch: Die IP-Einstellungen können hier manuell festgelegt werden.

DHCP: Die ALL3420 bezieht automatisch eine IP aus dem Bereich Ihres Routers.

Bestätigen Sie die Einstellungen mit „Eingaben speichern“.

The screenshot displays the configuration page for an ALLNET device. At the top left is the ALLNET logo, and at the top right is the time 08:34:50. A navigation bar contains 'Hauptseite', 'Funktionen', and 'Konfiguration', with 'Konfiguration' selected. The device ID 'ALL3420' is shown in the top right corner.

The main content area is divided into three sections:

- Netzwerk Einstellung:** Contains fields for 'HOSTNAME' (all3420-916E878) and 'DOMAIN' (local). Below these are radio buttons for 'statisch' (selected) and 'DHCP'. The label 'IP ADRESS EINSTELLUNG' is at the bottom of this section.
- Manuelle Netzwerk Einstellung:** Contains fields for 'IP ADRESSE' (10.123.123.228), 'NETMASK' (255.0.0.0), 'DEFAULT GATEWAY' (10.20.30.254), 'ERSTER DNS' (10.20.10.14), and 'ZWEITER DNS' (8.8.8.8).
- Wireless Einstellungen:** Contains radio buttons for 'Ausgeschaltet' (selected), 'Access Point', and 'Wireless Client'. To the right, the 'IP ADRESSE' is set to 10.123.123.228. The label 'WLAN MODE' is at the bottom left of this section.

At the bottom center is a button labeled 'Eingaben Speichern'. At the very bottom, a copyright notice reads: 'Copyright © 2011-2020 ALLNET GmbH Computersysteme [Software: 3.35.1093]'.

- g. Das Gerät übernimmt nun die Einstellungen. Dieser Vorgang dauert 10 Sekunden. Die Seite wird dann mit der von Ihnen konfigurierten IP-Adresse neu geladen.
- h. Es erscheint nun eine Seite mit den Zeiteinstellungen. Hier können Sie einen eigenen Zeitserver definieren, die bereits eingetragenen Zeitserver verwenden oder die Zeit manuell einstellen.

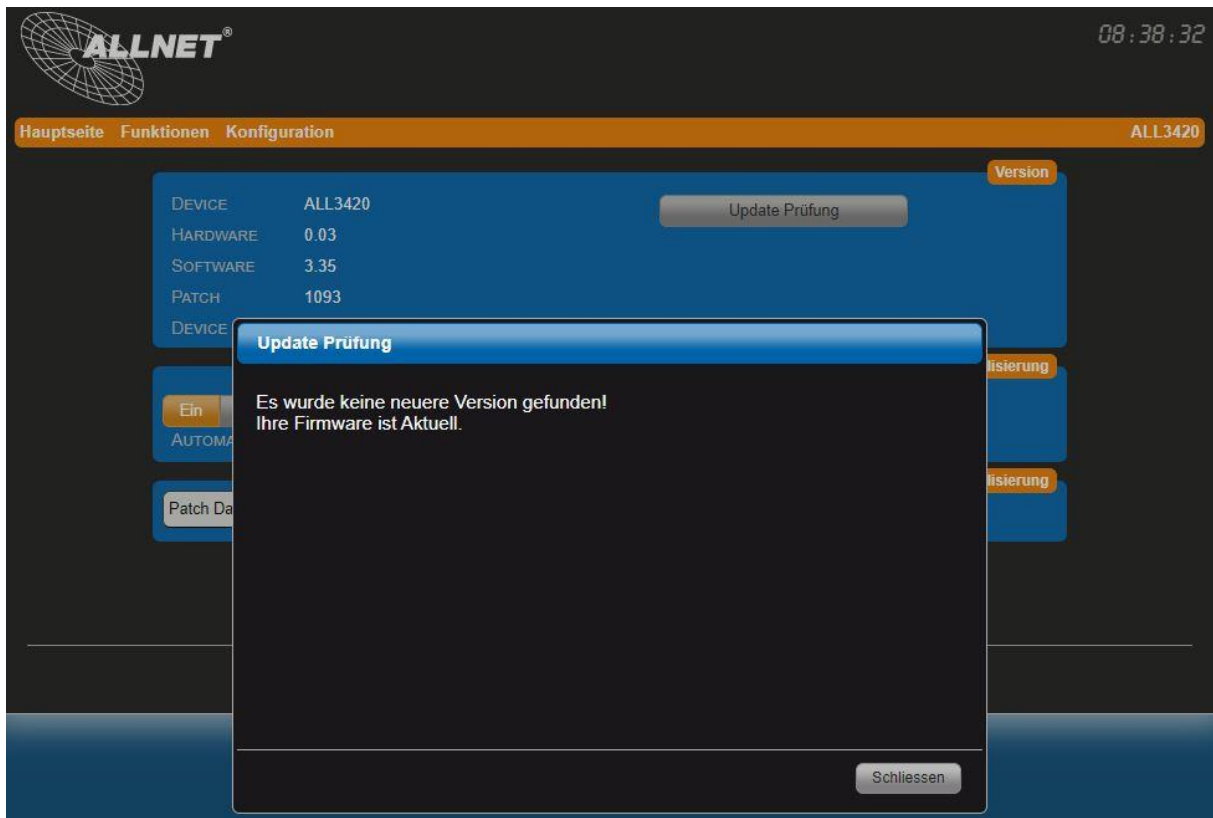
The screenshot shows the 'Konfiguration' (Configuration) page of the ALLNET interface. At the top left is the ALLNET logo, and at the top right is the time '08:37:12'. Below the navigation bar, there are two main sections: 'Zeitzone' (Time Zone) and 'Zeitserver' (NTP Server). The 'Zeitzone' section has dropdown menus for 'REGION' (set to Europe) and 'STADT / ORT' (set to Berlin). The 'Zeitserver' section has a toggle for 'Aktiviert' (Active) and 'Deaktiviert' (Deactivated), and buttons for 'Test' and 'Log Datei'. Below these are four input fields for NTP servers: 'NTP SERVER 1' (ptbtime1.ptb.de), 'NTP SERVER 2' (ptbtime2.ptb.de), 'NTP SERVER 3' (ntp0.fau.de), and 'NTP SERVERPOOL' (pool.ntp.org). A 'Zeit Anzeige (kann nur geändert werden wenn der Zeitserver deaktiviert ist)' (Time Display) section shows 'SYSTEM ZEIT' (08:37:12) and 'SYSTEM DATUM' (14.10.2020). At the bottom is a 'Eingaben Speichern' (Save Inputs) button. The footer contains copyright information: 'Copyright © 2011-2020 ALLNET GmbH Computersysteme [Software: 3.35.1093]'.

- i. Speichern Sie Ihre Einstellungen mit „Eingaben Speichern“ ab.

4. Prüfung auf Updates

Nachdem Sie die IP-Konfiguration durchgeführt haben wird empfohlen die ALL3420 auf die aktuellste Software Version zu aktualisieren. Navigieren Sie hierzu zu Konfiguration -> Update Einstellungen. Wenn Sie auf „Update Prüfung“ klicken erhalten Sie entweder die Meldung

- a. Es wurde keine neuere Version gefunden!
- oder
- b. Update installieren



Führen Sie die „Update Prüfung“ mehrmals durch bis Sie die obige Anzeige erhalten.

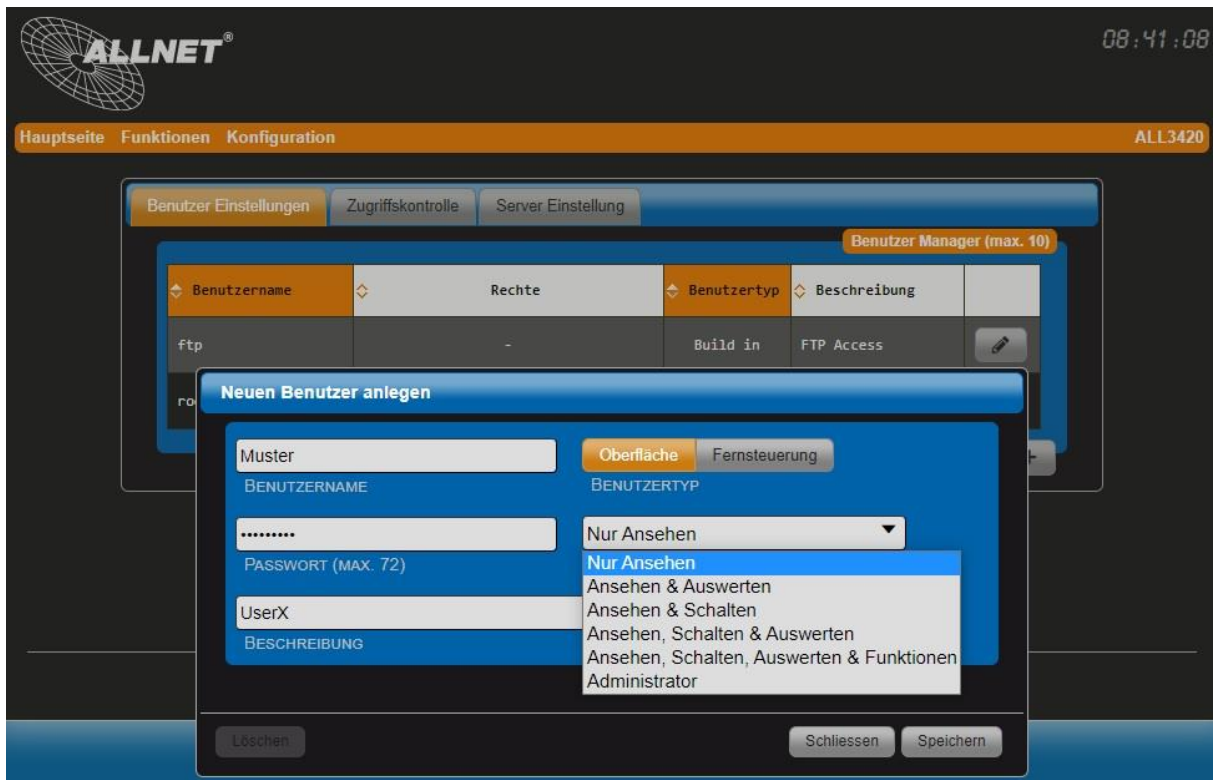
5. User anlegen

Damit nur Sie Zugriff auf die Konfigurationen des ALL3420 haben, sollten Sie ein Admin-Konto konfigurieren.

Begeben Sie sich zu Konfiguration -> Server und Benutzer.

Hier können Sie nun Admin-Nutzer und/oder Benutzer mit individuellen Rechten anlegen.

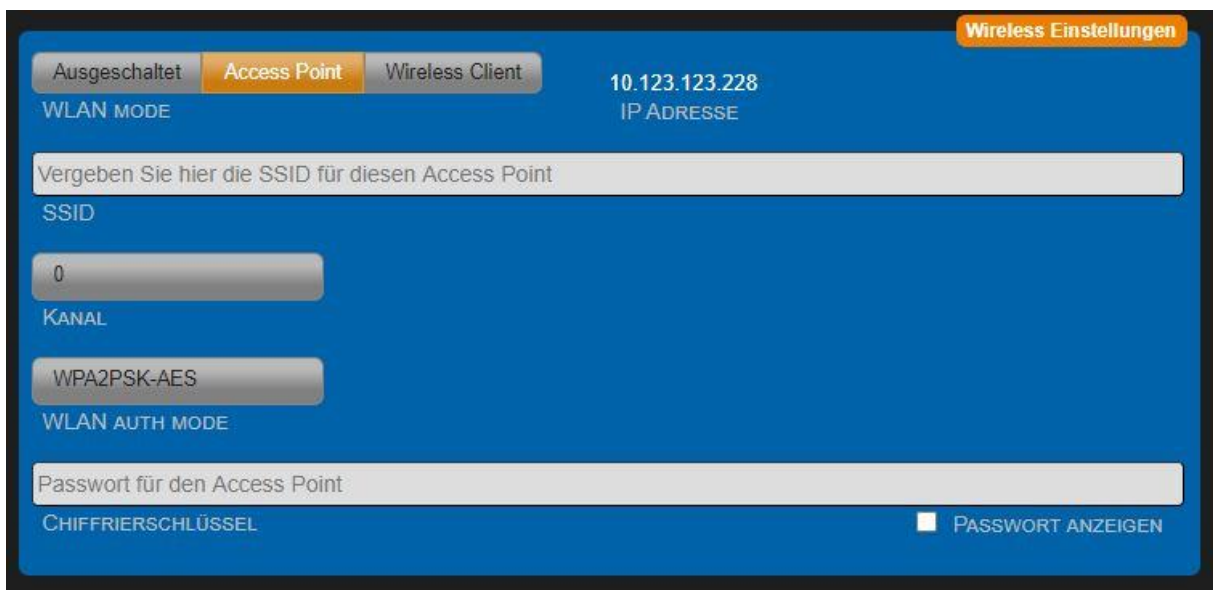
Bestätigen Sie Ihre Eingaben mit Speichern.



6. Access-Point Konfiguration

Sie können die ALL3420 auch als eigenen Zugangspunkt konfigurieren.

Unter Konfiguration -> Netzwerk Einstellungen können Sie die Einstellungen für den Access Point-Modus tätigen.



SSID: Hier können Sie einen beliebigen Netzwerknamen eintragen. Dieser Name wird beim Scannen des Netzwerks angezeigt.

Kanal: Hier wird der Sendekanal ausgewählt.

WLAN Auth Mode: Hier können Sie den Verschlüsselungsmodus wählen. WPA2PSK-AES wird empfohlen.

Chiffrierschlüssel: Hier können Sie einen beliebigen WLAN-Schlüssel eintragen. Dieser wird beim Verbinden mit der ALL3420 erfragt. Verwenden Sie ein sicheres Passwort mit mindestens 8 Zeichen.

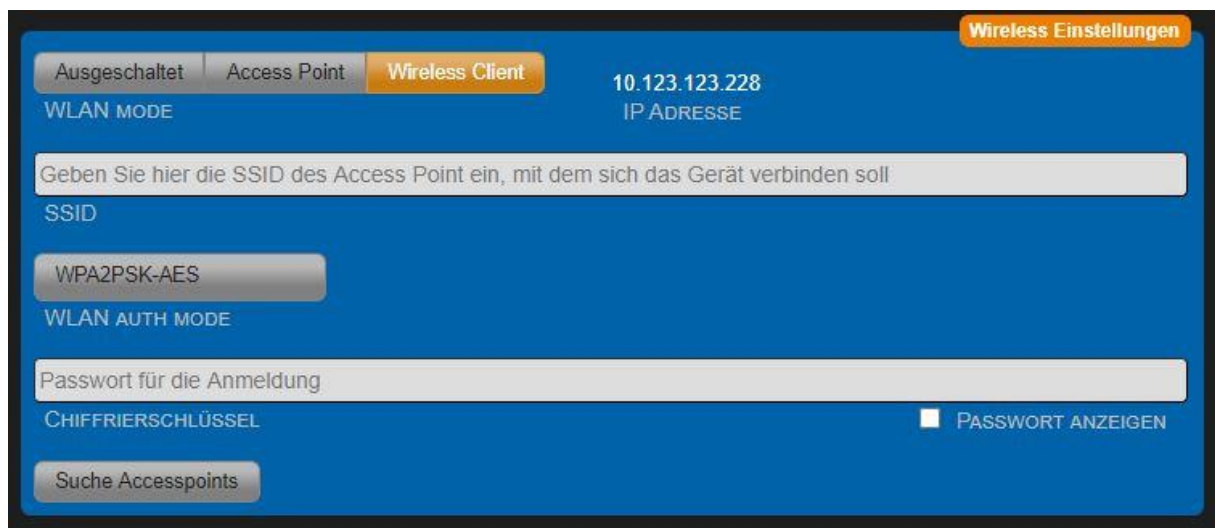
Bestätigen Sie zuletzt Ihre Parameter mit „Eingaben Speichern“.

Die Eingaben werden übernommen. Dieser Vorgang dauert 120 Sekunden.

7. Wireless-Client Konfiguration

Sie können die ALL3420 auch mit einem bestehenden WLAN-Netz verbinden.

Unter Konfiguration -> Netzwerk Einstellungen können Sie die Konfigurationen für eine WLAN Anbindung tätigen.



The screenshot shows a web-based configuration interface for wireless settings. At the top right, there is a tab labeled "Wireless Einstellungen". Below this, there are three tabs: "Ausgeschaltet", "Access Point", and "Wireless Client", with "Wireless Client" being the active tab. To the right of these tabs, the IP address "10.123.123.228" is displayed under the label "IP ADRESSE". The "WLAN MODE" is set to "Wireless Client". Below this, there is a text input field for the SSID, with a placeholder text: "Geben Sie hier die SSID des Access Point ein, mit dem sich das Gerät verbinden soll". The "WLAN AUTH MODE" is set to "WPA2PSK-AES". Below this, there is a text input field for the password, labeled "Passwort für die Anmeldung". To the right of this field, there is a checkbox labeled "PASSWORT ANZEIGEN". At the bottom left, there is a button labeled "Suche Accesspoints".

Wählen Sie Wireless Client, um das Gerät mit einem bestehenden Netz zu verbinden. Klicken Sie auf „Suche Accesspoints“, um nach Ihrem WLAN-Netz zu suchen.

Es werden alle in der Umgebung vorhandenen Netze angezeigt. Selektieren Sie Ihr Netz und betätigen Sie die „Wählen“-Schaltfläche.

Gefundene Accesspoints				
SSID	Sicherheit	Signal %	Mode	
Mario_WLAN_Test	WPA2PSK-AES	86	11b/g/n	Wählen
ACPro	WPA2PSK-AES	39	11b/g/n	Wählen
ALLNET-INT2	WPA2PSK-AES	34	11b/g/n	Wählen
ABC001	WPA2PSK-AES	34	11b/g/n	Wählen
	WPA2PSK-AES	29	11b/g/n	Wählen
ALLNET-Guest	WPA2PSK-AES	29	11b/g/n	Wählen
ALLNET-INT1	WPA2PSK-AES	29	11b/g/n	Wählen
alldis_technik	WPA2PSK-AES	29	11b/g/n	Wählen
ACPro	WPA2PSK-AES	15	11b/g/n	Wählen

Schliessen

Die „SSID“ und der „WLAN AUTH MODE“ werden automatisch ausgefüllt. Geben Sie nur noch Ihren WLAN-Schlüssel ein und bestätigen Sie die Einstellungen mit „Eingaben Speichern“. Das Gerät übernimmt jetzt die Parameter. Dieser Vorgang dauert 120 Sekunden.

Das Gerät ist dann über die eingestellte IP-Adresse erreichbar.

WICHTIG: Nachdem die 120 Sekunden vorüber sind müssen Sie das LAN-Kabel entfernen, um einen Netzwerkkonflikt zu vermeiden.

HINWEIS: Das WLAN-Netz mit welchem Sie sich verbinden darf kein LEERZEICHEN in der SSID enthalten. Es wird sonst keine Verbindung aufgebaut!!!

Wireless Einstellungen

Ausgeschaltet
Access Point
Wireless Client

WLAN MODE

Mario_WLAN_Test

SSID

WPA2PSK-AES
⇅

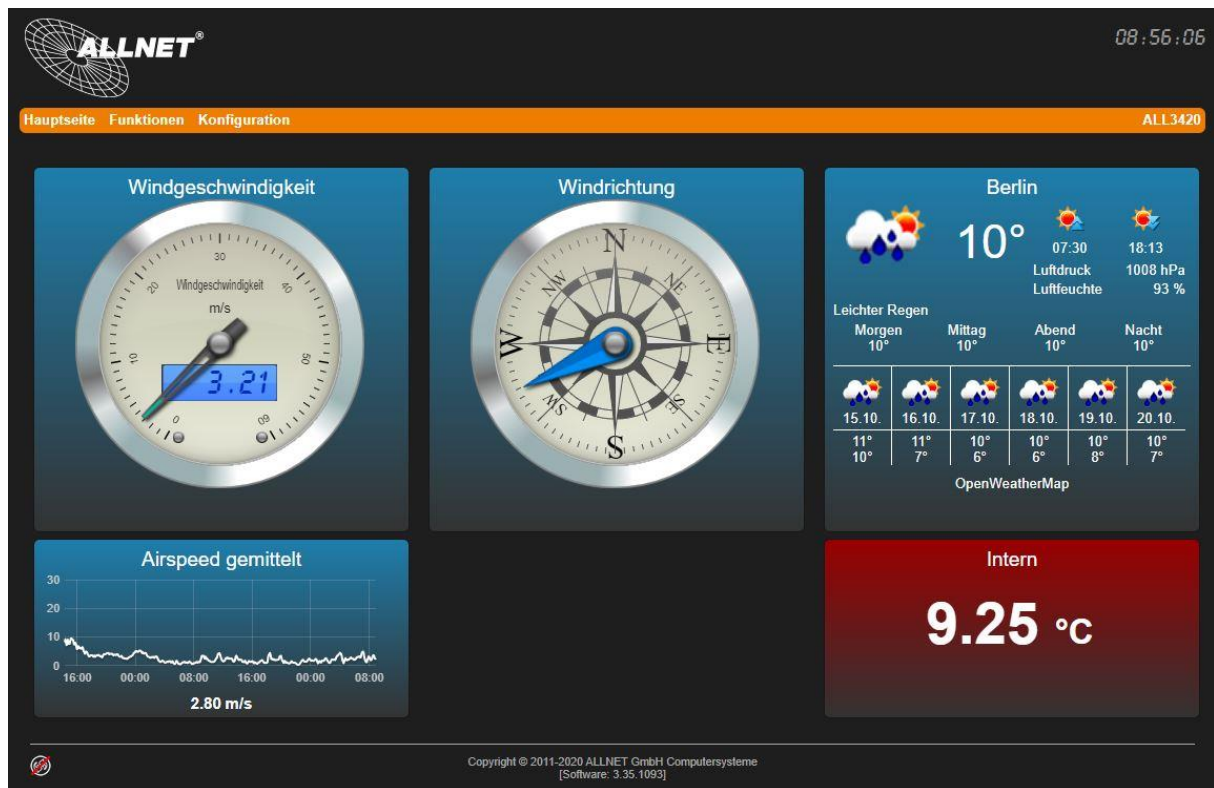
WLAN AUTH MODE

●●●●●●●●●●●●●●●●

CHIFFRIERSCHLÜSSEL PASSWORT ANZEIGEN

8. Hauptseite

Die Hauptseite der ALL3420 kann nach Konfiguration wie folgt aussehen. Die Kacheln können nach Belieben angeordnet und umbenannt werden.



Hiermit erklärt ALLNET GmbH Computersysteme, dass sich das Gerät **ALL3420** in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet. Die Konformitätserklärung kann unter folgender Adresse gefunden werden:
<http://ce.allnet.de>

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