Weidmüller 〓〓

Firmware release notes of ValueLine Industrial Wireless devices

Affected models:

Device name	Article No.
IE-WL-VL-AP-BR-CL-EU	2536680000
IE-WLT-VL-AP-BR-CL-EU	2536690000
IE-WL-VL-AP-BR-CL-US	2536700000
IE-WLT-VL-AP-BR-CL-US	2536710000

Version 1.11.13 Build 21010513   **Released: June 2021**

Bug Fixes:

• Unable to establish a Wi-Fi connection with APs that support IEEE 802.11r

Security Patches:

• CVE-2021-33528: Improper system access as a higher privilege user. An attacker can send commands while authenticated as a low privilege user to trigger this vulnerability
• CVE-2021-33529: Exploitable hard-coded cryptographic key allows for the decryption of captured traffic
• CVE-2021-33530/CVE-2021-33532/CVE-2021-33533/CVE-2021-33534: Improper Neutralization of special elements used in an OS command
• CVE-2021-33531: Exploitable hard-coded credentials
• CVE-2021-33535: Buffer copy without checking size of Inpup may cause remote code execution
• CVE-2021-33536: An attacker can send a crafted packet and cause denial-of-service of the device
• CVE-2021-33537: Stack-based buffer overflow
• CVE-2021-33538: Improper remote shell access to the device. An attacker can send commands while authenticated as a low privilege user to trigger this vulnerability.
• CVE-2021-33539: An exploitable authentication bypass vulnerability. An attacker can trigger authentication bypass on specially configured device.

Version 1.11.10 Build 18122616   **Released: January 2020**

Bug Fixes:

• Abnormal behaviour where DFS does not operate as expected
• Abnormal roaming handoff time if MAC clone enabled
• Device reboots if received abnormal beacon which format does not follow standard IEEE.
• Error handler for abnormal Wi-Fi packets does not work
• Static route of WLAN interface does not work if it applies DHCP client in Client-Router mode

Version 1.11.2 Build 18082313   **Released: September 2018**

Bug Fixes:

• Site Survey crashes after changing Operation Mode from Access Point to Client

New Features:

• Support for WDS-mode (Wireless Distribution System)
  Note: Limitations when using WDS-mode:
    - When selecting RF types G/N Mixed, B/G/N Mixed or A/N mixed mode, only N-mode can be effective.
    - WDS only supports security mode "open" or "WEP", but N-mode doesn't support WEP.
    - When "N mode" is configured as RF-type, then the security mode, using WDS, would be set to "Open".
    - When WDS with "WEP" shall be used, RF-type must be set to B,G, B/G Mixed or A.

Version 1.9.2 Build 18030716 **Released: April 2018**

- First release