# BLUETOOTH PROTOKOLÜ

Gönderilcek datalar bytes array olarak gönderiliyor. Bytes array json’ çevrilmelidir.

## Software Settings Service

SOFTWARE\_SETTİNG\_UUID = '12345678-1234-5678-1234-56789abcab00'

### Network Priority Characteristic

NETWORK\_PRIORITY\_UUID = '12345678-1234-5678-1234-56789abcab01'

A screenshot of a computer

Description automatically generated

**Priority 1, 2, 3 Select Option olacak**

* ETH, 4G, WLAN

{

    "Command" : "NetworkPriority",

    "Data" : {

                "enableWorkmode" : true,

                "1" : "ETH",

                "2" : "4G",

                "3" : "WLAN"

            }

}

### 4G Settings Characteristic

Settings4G\_UUID = '12345678-1234-5678-1234-56789abcab02'

A screenshot of a login form

Description automatically generated

{

    "Command" : "4GSettings",

    "Data" : {

                "enableModification" : true,

                "apn" : "3gnet",

                "user" : "uninet",

                "password" : "uninet",

                "pin" : "0000"

            }

}

### Ethernet Settings Characteristic

Ethernet\_Settings\_UUID = '12345678-1234-5678-1234-56789abcab03'

A screenshot of a computer

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{

    "Command" : "EthernetSettings",

    "Data" : {

                "ethernetEnable" : true,

                "dhcpcEnable" : false,

                "ip" : "89.32.117.63",

                "netmask" : "255.255.255.0",

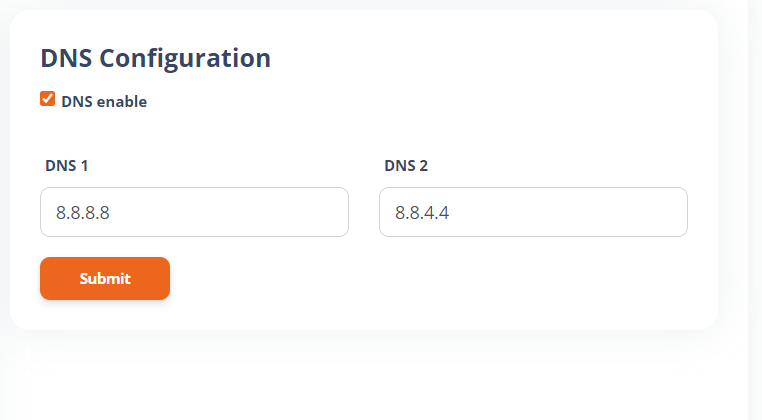
                "gateway" : "89.32.117.1"

            }

}

### DNS Settings Characteristic

DNSSettings\_UUID = '12345678-1234-5678-1234-56789abcab04'



{

    "Command" : "DNSSettings",

    "Data" : {

                "dnsEnable" : true,

                "DNS1" : "8.8.8.8",

                "DNS2" : "8.8.4.4"

            }

}

### Wifi Settings Characteristic

WifiSettings\_UUID = '12345678-1234-5678-1234-56789abcab05'

A screenshot of a wifi configuration

Description automatically generated

**Mod Selection ve Encryption bölümü Select Option olacak.**

mod 🡪 AP, STA

encryptionType 🡪 OPEN, WEP, WPA, WPA2

{

    "Command" : "WifiSettings",

    "Data" : {

                "wifiEnable" : true,

                "mod" : "AP",

                "ssid" : "HeraNet",

                "password" : "Hera2023\*",

                "encryptionType" : "wpa",

                "wifidhcpcEnable" : true,

                "ip" : "89.32.117.63",

                "netmask" : "255.255.255.0",

                "gateway" : "89.32.117.1"

            }

}

### Ocpp Settings Characteristic

OcppSettings\_UUID = '12345678-1234-5678-1234-56789abcab06'

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{

    "Command" : "OcppSettings",

    "Data" : {

                "domainName" : "34.16.180.181",

                "port" : "9000",

                "sslEnable" : "Disable",

                "authorizationKey" : "",

                "path" : "/",

                "chargePointId" : "HCAC12345"

            }

}

### Functions Enable Characteristic

FunctionsSettings\_UUID = '12345678-1234-5678-1234-56789abcab07'

A screenshot of a computer

Description automatically generated

**Card Type Bölümü Select Option olacak.**

* **StartStopCard,** **LocalPnC, BillingCard**

**Local Startup Whether To Go Ocpp Background, Whether To Transfer Private Data, Whether To Open The Qr Code Process Bölümleri Select Option olacak**

* **no, yes**

{

    "Command" : "FunctionsEnable",

    "Data" : {

                "card\_type" : "BillingCard",

                "whether\_to\_open\_the\_qr\_code\_process" : "no",

                "local\_startup\_whether\_to\_go\_ocpp\_background" : "yes",

                "whether\_to\_transfer\_private\_data" : "no"

            }

}

### Time Zone Settings Characteristic

TimezoonSettings\_UUID = '12345678-1234-5678-1234-56789abcab08'

**A white text box with black text

Description automatically generated**

**Select Option olacak**

* **const Zones = [**

**{ label: "(UTC-12:00) International Date Line West", value: "Etc/GMT+12"},**

**{label: "(UTC-11:00) Coordinated Universal Time-11",value: "Etc/GMT+11" },**

**{label: "(UTC-10:00) Hawaii", value: "Pacific/Honolulu", },**

**{label: "(UTC-09:00) Alaska",value: "America/Anchorage",},**

**{label: "(UTC-08:00) Baja California",value: "America/Santa\_Isabel",},**

**{label: "(UTC-08:00) Pacific Time (US and Canada)", value: "America/Los\_Angeles",},**

**{label: "(UTC-07:00) Chihuahua, La Paz, Mazatlan",value: "America/Chihuahua",},**

**{label: "(UTC-07:00) Arizona",value: "America/Phoenix",},**

**{ label: "(UTC-07:00) Mountain Time (US and Canada)",value: "America/Denver", },**

**{ label: "(UTC-06:00) Central America",value: "America/Guatemala",},**

**{ label: "(UTC-06:00) Central Time (US and Canada)",value: "America/Chicago",},**

**{label: "(UTC-06:00) Saskatchewan",value: "America/Regina",},**

**{label: "(UTC-06:00) Guadalajara, Mexico City, Monterey",value: "America/Mexico\_City",},**

**{label: "(UTC-05:00) Bogota, Lima, Quito",value: "America/Bogota",},**

**{ label: "(UTC-05:00) Indiana (East)",value: "America/Indiana/Indianapolis",},**

**{ label: "(UTC-05:00) Eastern Time (US and Canada)",value: "America/New\_York"},**

**{label: "(UTC-04:30) Caracas",value: "America/Caracas" },**

**{ label: "(UTC-04:00) Atlantic Time (Canada)", value: "America/Halifax",},**

**{ label: "(UTC-04:00) Asuncion",value: "America/Asuncion",},**

**{ label: "(UTC-04:00) Georgetown, La Paz, Manaus, San Juan",value: "America/La\_Paz",},**

**{ label: "(UTC-04:00) Cuiaba",value: "America/Cuiaba", },**

**{label: "(UTC-04:00) Santiago",value: "America/Santiago" },**

**{ label: "(UTC-03:30) Newfoundland", value: "America/St\_Johns" },**

**{label: "(UTC-03:00) Brasilia",value: "America/Sao\_Paulo", },**

**{ label: "(UTC-03:00) Greenland",value: "America/Godthab",},**

**{ label: "(UTC-03:00) Cayenne, Fortaleza",value: "America/Cayenne",},**

**{label: "(UTC-03:00) Buenos Aires", value: "America/Argentina/Buenos\_Aires" },**

**{label: "(UTC-03:00) Montevideo",value: "America/Montevideo"},**

**{ label: "(UTC-02:00) Coordinated Universal Time-2", value: "Etc/GMT+2" },**

**{label: "(UTC-01:00) Cape Verde", value: "Atlantic/Cape\_Verde" },**

**{label: "(UTC-01:00) Azores",value: "Atlantic/Azores",},**

**{label: "(UTC+00:00) Casablanca",value: "Africa/Casablanca",},**

**{label: "(UTC+00:00) Monrovia, Reykjavik",value: "Atlantic/Reykjavik",},**

**{label: "(UTC+00:00) Dublin, Edinburgh, Lisbon, London",value: "Europe/London"}**

**{label: "(UTC+00:00) Coordinated Universal Time",value: "Etc/GMT",},**

**{label: "(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna",value: "Europe/Berlin", },**

**{ label: "(UTC+01:00) Brussels, Copenhagen, Madrid, Paris", value: "Europe/Paris", },**

**{ label: "(UTC+01:00) West Central Africa", value: "Africa/Lagos", },**

**{ label: "(UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague", value: "Europe/Budapest", },**

**{ label: "(UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb", value: "Europe/Warsaw", },**

**{ label: "(UTC+01:00) Windhoek", value: "Africa/Windhoek", },**

**{ label: "(UTC+02:00) Athens, Bucharest", value: "Europe/Athens", },**

**{ label: "(UTC+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius", value: "Europe/Kiev", },**

**{ label: "(UTC+02:00) Cairo", value: "Africa/Cairo", },**

**{ label: "(UTC+02:00) Damascus", value: "Asia/Damascus", },**

**{ label: "(UTC+02:00) Amman", value: "Asia/Amman", },**

**{ label: "(UTC+02:00) Harare, Pretoria", value: "Africa/Johannesburg", },**

**{ label: "(UTC+02:00) Jerusalem", value: "Asia/Jerusalem", },**

**{ label: "(UTC+02:00) Beirut", value: "Asia/Beirut", },**

**{ label: "(UTC+03:00) Istanbul", value: "Europe/Istanbul", },**

**{ label: "(UTC+03:00) Baghdad", value: "Asia/Baghdad", },**

**{ label: "(UTC+03:00) Minsk", value: "Europe/Minsk", },**

**{ label: "(UTC+03:00) Kuwait, Riyadh", value: "Asia/Riyadh", },**

**{ label: "(UTC+03:00) Nairobi" value: "Africa/Nairobi", },**

**{ label: "(UTC+03:30) Tehran", value: "Asia/Tehran", },**

**{ label: "(UTC+04:00) Moscow, St. Petersburg, Volgograd", value: "Europe/Moscow", },**

**{ label: "(UTC+04:00) Tbilisi", value: "Asia/Tbilisi", },**

**{ label: "(UTC+04:00) Yerevan", value: "Asia/Yerevan", },**

**{ label: "(UTC+04:00) Abu Dhabi, Muscat", value: "Asia/Dubai", },**

**{ label: "(UTC+04:00) Baku", value: "Asia/Baku", },**

**{ label: "(UTC+04:00) Port Louis", value: "Indian/Mauritius", },**

**{ label: "(UTC+04:30) Kabul", value: "Asia/Kabul", },**

**{ label: "(UTC+05:00) Tashkent", value: "Asia/Tashkent", },**

**{ label: "(UTC+05:00) Islamabad, Karachi", value: "Asia/Karachi", },**

**{ label: "(UTC+05:30) Sri Jayewardenepura Kotte", value: "Asia/Colombo", },**

**{ label: "(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi", value: "Asia/Kolkata", },**

**{ label: "(UTC+05:45) Kathmandu", value: "Asia/Kathmandu", },**

**{ label: "(UTC+06:00) Astana", value: "Asia/Almaty", },**

**{ label: "(UTC+06:00) Dhaka", value: "Asia/Dhaka", },**

**{ label: "(UTC+06:00) Yekaterinburg", value: "Asia/Yekaterinburg", },**

**{ label: "(UTC+06:30) Yangon", value: "Asia/Yangon", },**

**{ label: "(UTC+07:00) Bangkok, Hanoi, Jakarta", value: "Asia/Bangkok", },**

**{ label: "(UTC+07:00) Novosibirsk", value: "Asia/Novosibirsk", },**

**{ label: "(UTC+08:00) Krasnoyarsk", value: "Asia/Krasnoyarsk", },**

**{ label: "(UTC+08:00) Ulaanbaatar", value: "Asia/Ulaanbaatar", },**

**{ label: "(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi", value: "Asia/Shanghai", },**

**{ label: "(UTC+08:00) Perth", value: "Australia/Perth",},**

**{ label: "(UTC+08:00) Kuala Lumpur, Singapore", value: "Asia/Singapore", },**

**{ label: "(UTC+08:00) Taipei", value: "Asia/Taipei", },**

**{ label: "(UTC+09:00) Irkutsk", value: "Asia/Irkutsk" },**

**{ label: "(UTC+09:00) Seoul", value: "Asia/Seoul" },**

**{ label: "(UTC+09:00) Osaka, Sapporo, Tokyo", value: "Asia/Tokyo", },**

**{ label: "(UTC+09:30) Darwin", value: "Australia/Darwin",},**

**{ label: "(UTC+09:30) Adelaide", value: "Australia/Adelaide",},**

**{ label: "(UTC+10:00) Hobart", value: "Australia/Hobart", },**

**{label: "(UTC+10:00) Yakutsk",value: "Asia/Yakutsk", },**

**{label: "(UTC+10:00) Brisbane", value: "Australia/Brisbane" },**

**{ label: "(UTC+10:00) Guam, Port Moresby",value: "Pacific/Port\_Moresby"},**

**{ label: "(UTC+10:00) Canberra, Melbourne, Sydney", value: "Australia/Sydney",},**

**{label: "(UTC+11:00) Vladivostok",value: "Asia/Vladivostok",},**

**{ label: "(UTC+11:00) Solomon Islands, New Caledonia", value: "Pacific/Guadalcanal", },**

**{ label: "(UTC+12:00) Coordinated Universal Time+12",value: "Etc/GMT-12",},**

**{ label: "(UTC+12:00) Fiji, Marshall Islands",value: "Pacific/Fiji",},**

**{label: "(UTC+12:00) Magadan",value: "Asia/Magadan",},**

**{ label: "(UTC+12:00) Auckland, Wellington",value: "Pacific/Auckland",},**

**{label: "(UTC+13:00) Nuku'alofa",value: "Pacific/Tongatapu",},**

**{label: "(UTC+13:00) Samoa",value: "Pacific/Apia",},**

**];**

{

    "Command" : "TimeZoneSettings",

    "Data" : {

                "timezone" : "Europe/Istanbul"

            }

}

### Bluetooth Characteristic

BluetoothSettings\_UUID = '12345678-1234-5678-1234-56789abcab09'

**A screenshot of a computer

Description automatically generated**

**Bluetooth enable Select option olacaktır.**

* **Disable, Enable**

{

    "Command" : "BluetoothSettings",

    "Data" : {

                "bluetooth\_enable" : "Enable",

                "pin" : "0000",

                "bluetooth\_name" : ""

            }

}

### Get Version Characteristic

FirmwareSettings\_UUID = '12345678-1234-5678-1234-56789abcab10'

**A close up of a box

Description automatically generated**

{

    "Command" : "FirmwareVersion",

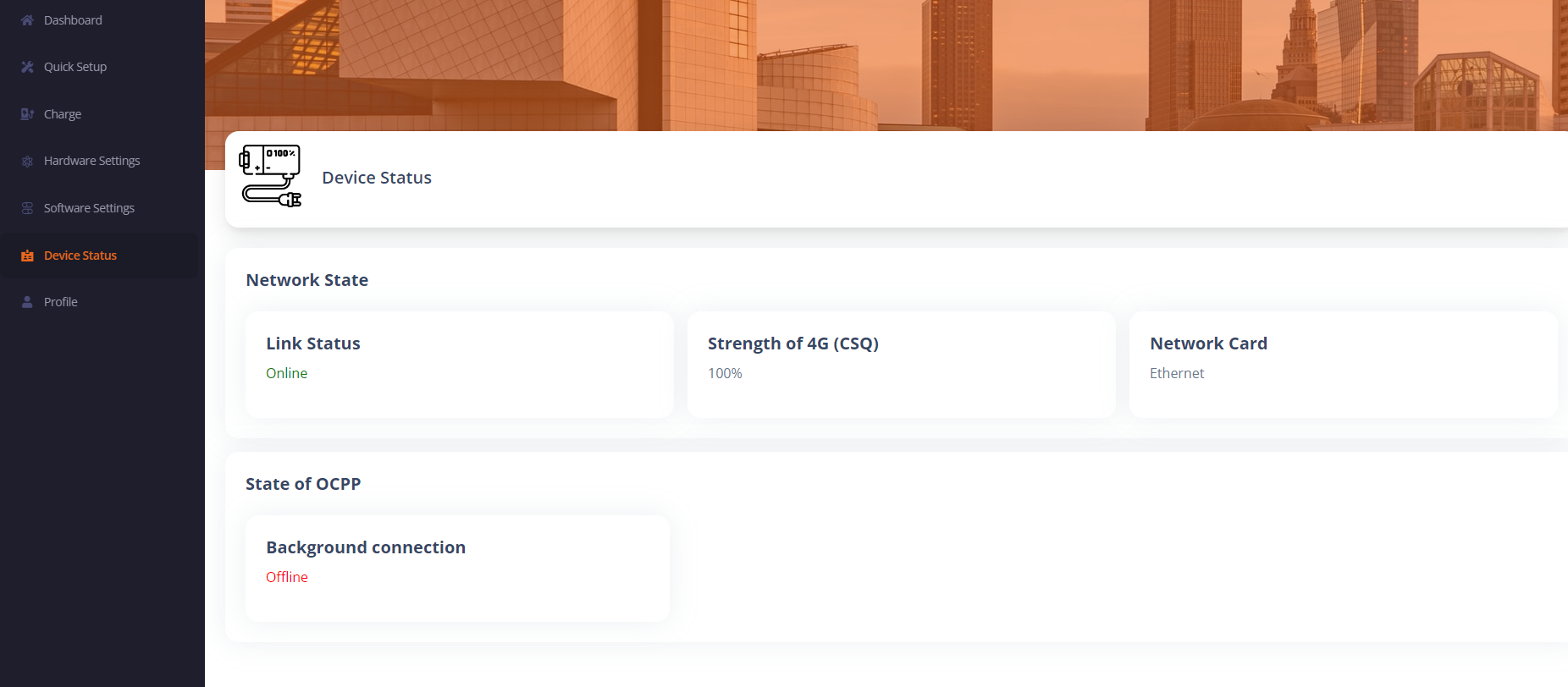
    "Data" : {

                "version" : "v1.0.5"

            }

}

### Device Status Characteristic

****

{

    "Command" : "DeviceStatus",

    "Data" : {

                "linkStatus" : "Online",

                "strenghtOf4G" : "100%",

                "networkCard" : "Ethernet",

                "stateOfOcpp" : "Offline"

            }

}

### Hardware Settings

**A screenshot of a computer

Description automatically generated**

{

    "Command": "ACCurrent",

    "Data": {

                "maxcurrent": 30

    }

}