



UVVONIC

formerly Aquionics, Berson, Hanovia and Orca GmbH



UV CONNECT

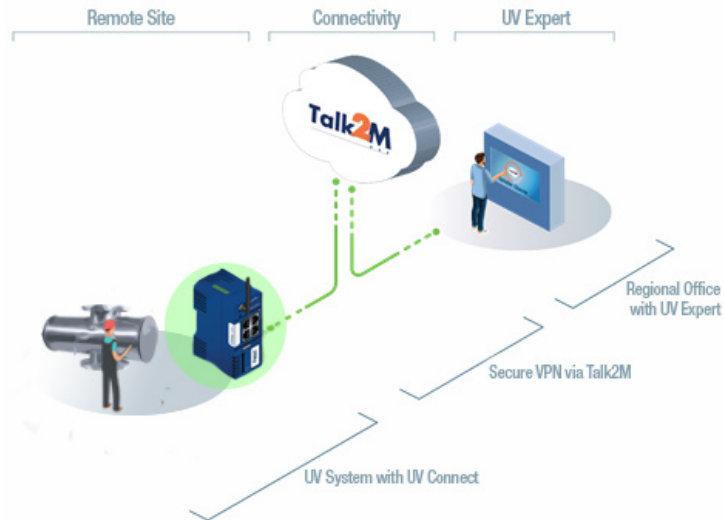
*GIVES YOU ACCESS
TO A UV SYSTEM
EXPERT NO
MATTER WHERE
YOU ARE IN THE
WORLD*

UV Connect provides a secure VPN connection from the UV system to one of our regional offices via Talk2M, a cloud-based remote connectivity solution. This allows our UV system engineers to see what you are seeing on the control panel, and recommend the steps needed to resolve problems. The engineer can also make real-time adjustments to the UV system's software settings to allow for changing site conditions.

Either install UV Connect as a precaution and use as needed, or sign up for a monthly health check and receive a report card outlining the condition of the UV system, any actions you should take to improve performance and a list of upcoming maintenance tasks. Either solution gives you the peace of mind of knowing that you have a UV system expert standing by your side.



We UV Care
Digital Technical
Support



STANDARDS & DIRECTIVES

WAN Ethernet:	Up to 3 ports, 10/100 Mb Ethernet
LAN Ethernet:	Up to 4 ports, 10/100 MB
Field Interface:	Up to 10 USB 2.0 connections, female connector 2.0
SD Card Reader:	YES, for commissioning (firmware upgrade, backup, Talk2M registration)
Router:	IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client/server
Internet:	Outbound connection for Talk2M using HTTPS (port 443 or UDP 1194)
VPN Tunneling:	OpenVPN either in SSL UDP or HTTPS
Talk2M:	Talk2M Free+ or Talk2M Pro, natively supported
VPN Security:	Communications between the remote user and the UV Connect unit are fully encrypted using the SSL/TLS protocol, thereby ensuring data authenticity, integrity and confidentiality. All users and UV Connect units are authenticated using x509 SSL certificates, and end-to-end traffic is encrypted using strong symmetric and asymmetric algorithms that are part of the SSL/TLS protocol cipher suite.
Synchronization:	Embedded real-time clock, manual setup via http or automatic via NTP
File Management:	FTP server for configuration, firmware update
Web-based Configuration:	Embedded web interface with setup wizards for configuration and maintenance (no additional software needed). Basic authentication (login/password) and session control for security.
Mechanical Details:	Dimensions: 108 x 99 x 42 mm (H x D x W) Weight: 191 g DIN rail or wall screw fixing system
Power Supply:	12-24 VDC +/- 20%, LPS
Extended Temperature Range:	Operating: -25°C to +70°C, 10 to 95% relative humidity (non-condensing) Storage: -40°C to +70°C, 10 to 95% relative humidity (non-condensing)
Hardware:	1xDO: open drain (MOSFET) 200 mA; isolation 1.5 kV 2xDI: 0 to 24 VDC; 1.5 kV isolation
Marking:	CE, cULus listed, FCC
Warranty:	36 months
FCC:	Compliant with CFR 47, part 157B Class A; 15C; 22H; 24E; 27
IC:	Compliant with IC (Industry Canada) RSS-132; RSS-133, RSS-139; RS-210
Japan:	This equipment has the Type Approval Certification based on the Radio Law

FEATURES FOR THE EC6133G (CELLULAR 4G EU)

Bands:	4G: B1, B3, B7, B8, B20 3G: B1, B8 Automatic fallback to 3G W
Antenna Connector:	Type SMA - Female
Antenna:	Not included in delivery
Weight:	202 g

FEATURES FOR THE EC6133H (CELLULAR 4G NA)

Bands:	4G: B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41 3G: B1, B5, B6, B8, B9, B19, B39 Automatic fallback to 3G
Antenna Connector:	Type SMA - Female
Antenna:	Not included in delivery
Weight:	202 g

FEATURES FOR THE EC6133F (CELLULAR 4G APAC)

Bands:	4G: B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41 3G: B1, B5, B6, B8, B9, B19, B39 Automatic fallback to 3G
Antenna Connector:	Type SMA - Female
Antenna:	Not included in delivery
Weight:	202 g

FEATURES FOR THE EC6133D (CELLULAR 3G)

Frequencies:	GSM/GPRS/EDGE Quad-Band (850, 900, 1800, 1900 MHz) - HSPA+ UMTS Pentaband module (800/850, 900, AWS 1700, 1900, 2100 MHz)
Antenna Connector:	Type SMA - Female
Antenna:	Not included in delivery
Weight:	202 g

FEATURES FOR THE EC6133C (WIFI)

WAN Connectivity:	Ethernet or WiFi 802.11 b/g/n
Frequencies:	Channels: 1 to 11 (inclusive)
Security:	WPA2, WPA and WEP
Antenna Connector:	RP-SMA female connector
Antenna:	Included in delivery; frequency: 2.4 GHz; impedance: 50 Ohms; gain: 2.0 dBi
Weight:	199 g

HIGHLIGHTS

- Integrated WiFi or Cellular options, including 4G versions for Europe (EU), North America (NA) or Asia Pacific (APAC)
- Firewall-friendly outbound connection
- SD card option for easy commissioning
- Possible to configure the digital inputs to control internet connection with external key switch or to send alarm notification
- Service includes a regular health check to ensure proper efficiency and function