

# CWS32-H01-VR

***Software's Acquisition Data Plug & Play  
Alarms Management and Notification:  
Email-SMS  
Web Publication***

***Bundle\*\* Version Exclusive Concession in Coupling  
with the Paperless Instrument Series VR06CR – VR18CR***



## Appendix 01 – CWS32-H01-VR

Appendix of the Manual for Bundle VR06CR – VR18CR

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## **GENERAL INDEX OF APPENDIX**

### **1 – General Information of Special Version**

### **2 – Electrical Connection**

### **3 – Added Instructions for the Using**

## 1 – General Information to Bundle Version VR:

This document, that you are reading, is not the manual, but only the appendix of the manual, that describes the difference from the Basic Standard Version of the product, which has its appropriate manual, to the Specific BUNDLE Version of the sold product, in this case is called CWS32-H01-VR and that is offered with an instrument of series VR06Cr or VR18CR.

### 1.1 What is a BUNDLE Offer

First of all we need to explain what is a “BUNDLE”, this term is used to define the particular offers of the sold product coupling with Packaging, simpler some singular acquired packages, generally supplied without any cartage support, but only an installation disc, inside of that you can find all the necessary information, and thanks of this formula it's possible to get particularly advantages on the conditions and price, that in another way there are not possible.

Sometimes the BUNDLE formula previews the possibility to acquire and to use professional products on special version that singularly don't exist in commercial version, and just for this it's necessary the described product of this appendix, so the CWS32-H01 Package is thought and made for professional requirements, and according to the chosen version don't present any limit for acquired variables, or connected instrument, while in this BUNDLE Version, the package puts on disposition all the characteristics and functionality of professional package, but limited on use with only one hardware with it's bound together.

The reason that convinced us to offer this operative formula, it's the great conviction that the quality of the product can't be only described, but the best thing is to prove it, and if the product is liked and eventually useful, the customer can decide if he likes to pass for a standard version, extending the control also to other instruments and variables, because there are not limited in only one Hardware.

We think, because we are convinced of product quality, that this formula is the most indicated to favourite the diffusion.

### 1.2 What is CWS32-H01

The CWS32-H01 is one of Software Packages developed from the R&D Software division of CEAM Control Equipment, realised based on “Ready to Use” Philosophy, that is able to put on disposition a series product, ready to be used, with a configuration that can be executed also directly from the user. All this is not only to make “popular” one type of industrial application that typically comes relegated on a very technical and professional field and evokes scenes of elevated costs, problems and high complexity, so much to get out generally greatest part of those that otherwise can get great advantages.

This product is developed with more recent software technologies and it results to be a condensed of functionality and experience accumulated on years, till to realized a product of Standardized series, that encloses all the typical functionality and performance of professional systems realized Ad-Hoc, and we hold to emphasize that thanks of the fantasy and competence of R&D CEAM team that has created and continues day after day to evolve the product, numerous functions are original and innovative to such a point that are rarest to find on the market, but someone is quite absolutely original and solely of this product.

Thanks of this new CEAM strategy, also being an absolutely professional product, the CWS32-H01 is really to the capacity of all, both economically and technically, and its using extremely simple and innovative, it's possible also with a simple low cost computer of supermarket, until arriving to a structured technical infrastructure, simply in the function of wished performances.

But the absolutely new thing, that becomes the product more interesting, is its flexibility: the system can begin with simpler and limited base, and increase on time parallel with the costumer requirements, diluting the little investment of beginning on time, and not wasting any precious resource, making a practical example, it's possible to start with the monitoring of only one acquisition point of one machine arriving then with time to control various plants situated on distant geographic areas like various states.

### 1.3 What is the CWS32-H01-VR Version

Thanks of standardization politics the basic product is available on various standard trading version, that is not BUNDLE, but for both of those continuously are created special version to offer with BUNDLE formula, that like we explain above, are these that work in exclusive coupling with only one hardware product or with a specific KIT, in this case the possible coupling is with a Data-Logger Paperless VR06CR or VR18CR.

Thanks of this formula the cost lowers even more till to result more economical that another electronic range, although the functionality remains completely like those available on professional version (No BUNDLE).

So we like to note the concept, that the only limitation of BUNDLE products is that of legal (Copyright) and technical characteristics, that can and must work exclusively coupled with the hardware with which is granted, so in merit of the limitations, generally if those exist, on effective using of Software function, the same are not determined from the software but from the limited bounded hardware, following you can find more details regarding the limitations of specific BUNDLE version.

If the costumer is satisfied from the product and likes to extend the control on the other instruments at the same type or compatible with it, can simply acquire a professional version, what he likes from the available ones, however more economical, and the migration operation result always simpler and transparent, except any particular case.

## 2 – Electrical Connection:

It's necessary a PC connection to acquire the relative data from the Paperless VR06-18CR recorder, and this is possible directly, or from a local net in the following modalities:

### 2.1 Instructions for Serial Connection

Even if the VR06CR and the VR18CR can be equipped with serial port RS232 - RS485 beyond to Ethernet that is obligatory, the Drive predisposed in Bundle CWS32-H01-VR Package, for technical and optimization matters, previews only the using of Ethernet connection.

So it's not possible to use a serial connection, and if will be necessary to connect the instrument with a Pc that is not equipped originally with Ethernet Port , before we proceed with the installation of Software, it's necessary to install and to test a LAN Port, or we can use a LAN-USB/Serial Converter that can permit a connection of this type.

### 2.2 Instructions for Ethernet Connection

Like we specify in the above paragraph, the connection of VR06CR-VR18CR it's possible only with Ethernet way on the following modality:

#### Direct Connection between VR06-18CR and PC

When the connection happens directly from Ethernet Port of Recorder and Ethernet Port of PC, you can use a net cable, CROSS Type or an intercrossed connection.

#### Connection between VR06-18CR and PC through Local Net

If it happens that the connection of Vr06-18CR Instrument comes through a Net, a Switch or a HUB, in this case the connection cable must be normal (Rights and compulsorily no Cross), otherwise the communication can't be established.

### 2.3 Instructions per Wireless Connection

In case of necessity it's possible to connect the instrument also in Wireless mode, that is without wires, and just for this Ceam has created series of external accessories that put together with VR06Cr – VR18CR allow to obtain the scope, generally the wireless mode currently available and experimented are the following:

#### Wi-Fi – Adapter of Wireless Net in Radio Frequency

**Note:** In function of local morphological situation, structure of chosen net and first of all the employed antennas, it's possible to obtain the covering of the net also in large distance.

#### POWERLAN – Net Adapter with convoyed waves on Electric Net 230 Vac – 50-60Hz

**Note:** Thanks of this system it's possible to create "Compatible Ethernet" Net using like wiring all the net or only final feature, directly with electric feeding net of VR06-18CR, with the limits that the electric net and the phase of data transport are the same from the starting till the arrival, and that the data circulate in private internal area of own electric counter.

The covered distance of this system depends very much from the situation and the state of electric system and obviously from the present disturbs, but generally it results very good and more than sufficient for the scope, we must emphasize that in case of interruption of the feeling, the communication is interrupted, also if the feeding of VR06-18CR is guaranteed separately from the continuity group.

### **3 – Instruction for the Use of the Special Version:**

There are no particular indication, the software package, even if distributed in a BUNDLE version, coupled to the VR06-18CR, is anyhow completed under a functional profile, exactly as the standard version, the only limitation is due to the single Hardware you can connect to it.

#### **3.1 Version Limitation**

Connection possible only to a single instrument VR18CR or VR06CR apart from how many analogical input it has been provided, anyway maximum 18 channel can be visualized on the Software.

Possibility of configuration of a single Ethernet Address for all the channel, in case the IP address is modified over one channel, the modification is automatically extended to all the other channels

Through the Software it is possible to acquire only the analogical variables, and not the digital input.

Through the software it is possible to acquire the variables only in modality Real-Time and not by historical memory of the instrument, in fact it is not activated the functionality of Polling.

The management of the alarms configurable on the Software CWS32-H01-VR (4 Alarms – 2 Job for each alarm) is absolutely independent by the Hardware alarm configured directly on the VR06CR-VR18CR, the variation of a Set-Point of alarm on the software does not produce any variation on the Set-Point of alarm set up on the instrument, and vice versa.

#### **3.2 Using Instructions**

Except the limitation determined by the use of this hardware specified in the previous paragraph, as far as the using instructions are concerned, please refer to the operative manual of the Standard Software of the CWS32-H01.

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