

# Comark N3014 Graphical Logger

## Diligence EVG Graphic Display Logger

The Diligence EVG N3014 is a data monitor with a large graphical display to provide continuous monitoring plus the convenience of instant data display whenever required.

The data can then be stored on a PC and printed out in graphical, tabular or summary form, or viewed on the display. The unit comes complete with a stand, wall fixings and carrying case and provides a neat and compact solution wherever it's used.

Applications include the monitoring of industrial and food processes, production and scientific experiments. Comark Diligence EVG monitors use the proven Comark EV software package. This software is available in two versions, with the professional version aiding compliance with the pharmaceutical industry regulation 21CFR Part 11.

The N3014 can be programmed and interrogated directly from the keypad. Rechargeable battery or mains operation, with mains power adaptor/charger included. Compatibility with wide range of Comark thermocouple probes.



- **Selectable** °C, °F or K scales
- **Compatibly** with 8 thermocouple types
- **8 channel monitoring**
- **Measurement range** from -200 °C to thermocouple limits
- **Large memory capacity** of 64000 readings, with fast data download
- **Audible and visual alarm** indication with alarm delay capability
- **RS232 port for data communications**, programming and downloading
- **Separate parallel port for printing**
- **Industry standard** sub-miniature sensor connections
- **Two year warranty**



Comark is the leading manufacturer and supplier of a wide range of electronic measurement instruments for temperature, humidity and pressure .

**2-Year  
Warranty**

# Technical Specification

Temperature Measurement	
Sensor Type	Thermocouple types K, N, T, J, R, S, E, B
Measurement Range Type K Type T	-200°C to +1372°C, -328°F to +2502°F -200°C to +400°C, -328°F to +752°F
Scales	°C, °F, K
Resolution	0.1°
Instrument Accuracy Type K Thermocouple at +23 °C	<±0.1% of reading, ±0.2°C
Channels	8
Recording Memory	64000 readings
Communications	RS232 port for data download and programming Parallel Centronics port for printer connection
Logging Frequency	Programmable between 1-10* seconds and 99 hours (*Dependent on number of channels selected)

<b>General</b>	
Display	Monochrome LCD 240*128 lines for data display
Case	High impact polystyrene
Ambient Operating Range Temperature Humidity	0°C to +50°C 0 to 97% RH non-condensing
Logging Start/Stop	Programmable date and time or manual from instrument keypad
Software	Windows™ based software for Windows XP or 7 32bit and 64bit Compatible
Power Requirements Battery Type	4 x IEC LR6 Size AA Alkaline or Ni-mh Rechargeable (supplied)
Mains Supply	External DC input
LED Indication	Green x 2 = DC power on and Logging Active, Yellow = Low Battery, Red = Alarm
Dimensions Length Width Depth	190mm 138mm 45mm

## Accessories

NISW Evolution multi-language software

ADP53 RS232 cable

ADP54/UK Power supply/charger UK version

ADP54/EU Power supply/charger EU version

ADP54/US Power supply/charger US version

## WARRANTY

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control. The Comark warranty covers manufacturing defects and component failures on all products returned to Comark premises and applies worldwide. The warranty does not affect your statutory rights. In line with our policy of continuous development we reserve the right to alter any product specifications without notice. All products are covered by our Quality Management System which is compliant with BS EN ISO 9001:2008 for the design, manufacture, supply, service, repair and recalibration of electronic measuring instruments and equipment.

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