

# dynamic logic



## Series Nine Outstations

### Product Description

The Series Nine system provides a range of flexible outstations, adaptable for use with any existing system or to the constraints of a particular application. The system contains all the necessary interfaces to change the method of powering, data transmission, input sensing, and optionally output isolation. As a genuinely intelligent system, the Series Nine can be configured by means of a telephone connection, cutting out any need to visit the station once installed. The operator communicates with the outstation via a terminal running a DTS Systems software package. The Series Nine offer many features of the Series Four such as the facility to transmit alarm or status information via the PSTN to a computer master station and/or up to five radio message pagers. In addition the Series Nine offers the facility of I/O expansion to a total of four units sharing one PSTN line.

If an alarm condition arises on any input the Series Nine dials out to the master station or pager bureau. If pagers are being used the alarm causes the first pager to bleep and display the appropriate preprogrammed alarm message. If the message is not acknowledged (by dialling the Series Four from any convenient telephone) within a preset time the alarm is transmitted to the second pager, and so on until the call is acknowledged or each pager has been called twice.

## Specification

- ❑ **Physical Dimensions:**  
Height 565mm x Width 280mm x  
Depth 180mm.
- ❑ **Case Material:**  
Grey G.R.P.
- ❑ **Weight:**  
6kg.
- ❑ **Backup Battery Life:**  
Approximately eight hours.
- ❑ **Environmental Rating:** IP65.
- ❑ **Digital Inputs max 24 per unit**  
Voltage input = 12V-240V ac or dc  
Signal on  
Less than 12v = Signal off  
Voltage free 1K max switch  
resistance = Signal on  
Open circuit = Signal off
- ❑ **Control Outputs max 8 per unit**
- ❑ **Analogue Inputs, max 8 per unit**  
Voltage inputs 0-2V, Current input  
0-20mA.  
Pot input max. load on ref supply  
of 2K ohms.  
(Reference voltage = 2 volts)
- ❑ **Connectors:**  
All digital and analogue inputs are  
unpluggable  
screw terminals.  
Maximum wire size for screw  
term. = 1.5sq mm.
- ❑ **Power Supply Requirements:**  
Voltage: 240V a.c. + 1 0%.  
Current.. 20mA. (average)  
  
Connection: Supplied with  
2-metres of 3-core  
cable.  
Fitted 13 amp plug.
- ❑ **Telephone Connection:**  
Screw Term.
- ❑ **Communication Details:**  
Via PSTN (Telephone) Baud rate  
1200  
Locally (RS232 serial) Baud rate  
9600.
- ❑ **Interfaces options:**  
DTS Master Station TG5 IMS  
(Interrogation / Configuration  
Software)  
Vodapage message pagers  
BT message pagers.

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The Company's policy is one of continued improvement and it reserves the right to change specifications at any time without notice.