

## Application #022

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### **AMT-N6369 15.1" Fully Enclosed TFT LCD Monitor for GEM80 PLC**



### **The Product**

The AMT-N6369 is the fully enclosed version of the AMT-N6009 GEM80 PLC display. The enclosure has a swinging U bracket which can be mounted to a desktop, a roof or a wall, and locking knobs lock the display at the desired angle of viewing.

The unit is able to accept the Component Video output from a GEM80 PLC; as well as VGA input from a PC or PAL/NTSC input from a camera or other video signal selectable via the OSD switch.

All input connectors face the rear: these include 240V power, 6 BNC female connectors for GEM80 Component Video input and loop output (to run multiple displays from one GEM80); there is also a PAL/NTSC connector, VGA input female, impedance switch and video mode switching terminals.

The impedance switch is to change the monitor from loop (multiple displays) to terminate (a single display or last display on loop), whilst the switching terminals are a 2 wire input connector which responds to a momentary contact closure and toggles the display output from the GEM80 to VGA. (Picture in picture can show both simultaneously as well).

### **The Application**

These units are desktop mounted in a control room to display processes controlled by the GEM80, and can be switched via PLC or toggle switch to show output from a PC.

### **Features**

- Fully enclosed with swing U bracket
- GEM80 input compatible
- Picture in picture / toggle between GEM80 & VGA via switch terminals
- Built at AVISUM Pty Ltd in Sydney workshop.