

DPR990 Self-surveillance unit

- PromoLog Server data acquisition system
- Easy to take in use, no software installation required
- PromoLog software is automatically started
- Internal GSM modem and receiver for radio transmitters
- Operating system doesn't require updates
- High operation reliability
- Long-life Solid State Disk instead of regular hard disk
- Two digital I/O ports, input and output
- Ethernet port for LAN or Internet connection
- 4 USB ports for peripherals
- Replaces traditional PC

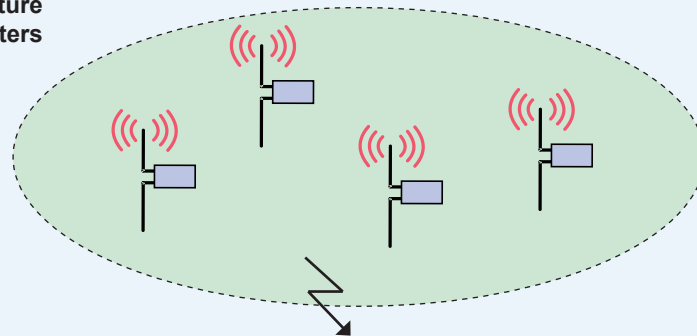
Self-surveillance unit DPR990 is ready to use without any software installation. It has everything required to receive, process and save the measurement data from wireless transmitters. Only external display, keyboard and mouse are required.

Promolog data acquisition software is factory installed and fully operational. Measurements can be started immediately after startup.

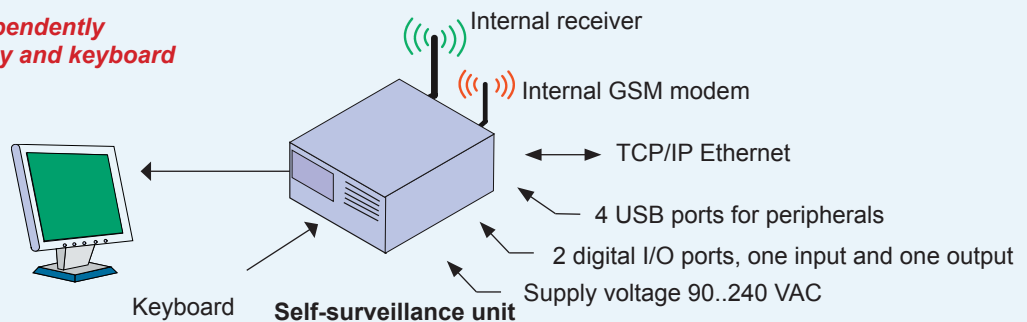


DPR990 is designed for extreme reliability - no updates required

Wireless temperature transmitters

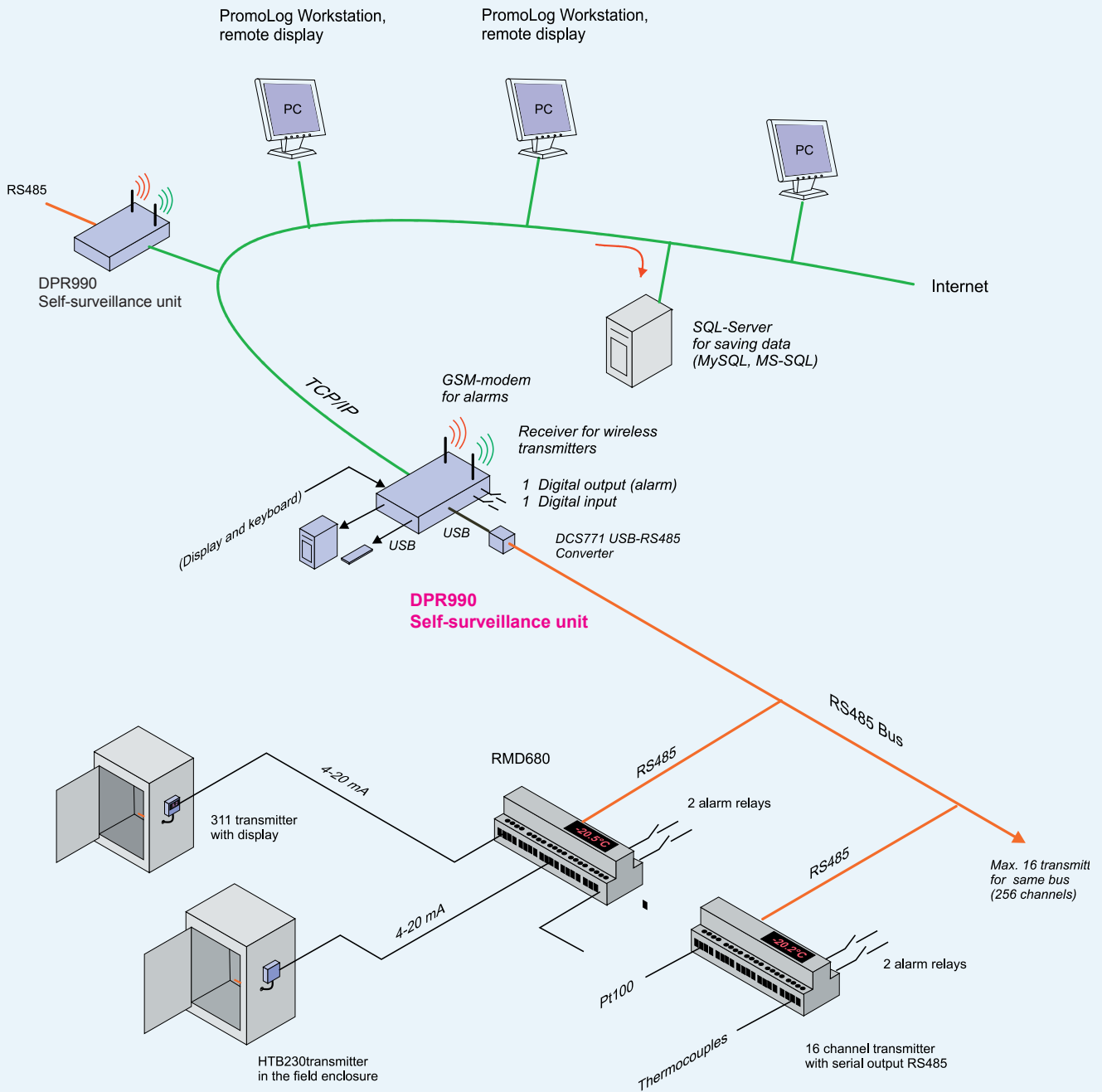


Operates also independently without local display and keyboard



***Immediately ready for use.
No software installation!***

Self-surveillance unit supports both wireless and wired devices

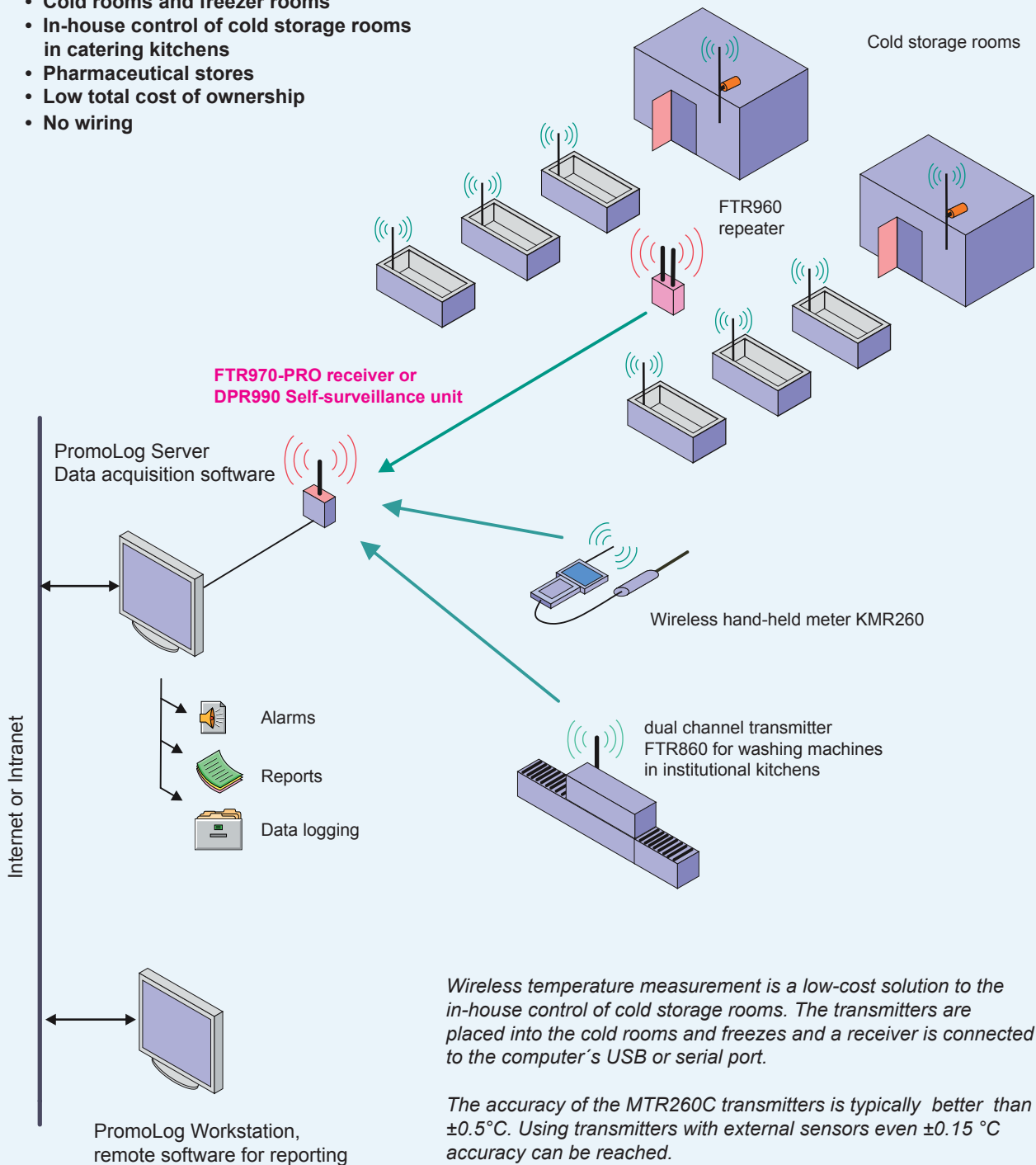


Self-surveillance unit with PromoLog data acquisitions system enables you to centralize all your data acquisition and surveillance functions into one system.

Temperature surveillance of cold storage rooms using wireless transmitters

Centralized temperature surveillance

- Cold rooms and freezer rooms
- In-house control of cold storage rooms in catering kitchens
- Pharmaceutical stores
- Low total cost of ownership
- No wiring



Wireless temperature measurement is a low-cost solution to the in-house control of cold storage rooms. The transmitters are placed into the cold rooms and freezers and a receiver is connected to the computer's USB or serial port.

The accuracy of the MTR260C transmitters is typically better than $\pm 0.5^{\circ}\text{C}$. Using transmitters with external sensors even $\pm 0.15^{\circ}\text{C}$ accuracy can be reached.

If the workstation is connected to network, for example all the kitchens of large cities and hotel chains can be controlled centralized from one workstation.

Technical specifications:

DPR990 Self-surveillance unit modules

1. **PromoLog Server data acquisition software**
2. **Radio receiver for Nokeval wireless transmitters**
3. **GSM modem for alarm messages**

Front panel connectors and indicator lights:

- 2 USB ports
- Power and reset buttons
- Power indicator light

Back panel connectors and indicator lights:

- 2 USB ports
- 10M/100M ethernet port
- 3 pole detachable I/O connector, one digital input and output
- VGA connector, supports wide screen resolutions
- PS2 ports for mouse and keyboard
- Audio connectors
- BNC connector for radio receiver. 5 m cable for antenna with wall-mount kit is included.
- GSM modem antenna connector. GSM antenna has fixed 1.5 m cable and magnetic fastening.
- Slot for GSM SIM card.
- Power connector
- Three indicator lights: GSM, Radio and Serial communications

Memory:

- 512 MB RAM (DDR2 533MHz)
- 2 GB Intel Solid State Disk

Case:

- Color: black
- Material: metal
- Dimensions: 30 x 28 x 7 cm (W x D x H)

Supply voltage:

- External mains adapter, input 100~240 VAC, output 12V 80W.

Self-surveillance unit operates also independently without display or keyboard. Using PromoLog Workstation software or Windows Remote Desktop Connection results can be monitored from any computer in the network.

Changing settings in PromoLog, for example, adding alarms or new devices can be done using locally or using Windows Remote Desktop Connection software. Remote Desktop Connection is a standard feature in Windows XP and Vista. Note that DPR990 does not include display, keyboard or mouse.

DPR990 supports USB memory sticks and external USB hard drives. Also Nokeval USB-RS485 serial converters can be used to add a RS485 bus connection. PromoLog supports saving the measurement data to a file or SQL server. See the PromoLog's datasheet for more information about the software and supported devices.