

# Surveillance Station



Surveillance Monitoring provides active monitoring for ambulatory patients using sophisticated software for viewing patient status, managing alarms and system indicators. The configurable user interface can be optimized to suit clinical workflow and viewing preferences.

There are three distinct viewing areas:

**Alarm summary:** prioritized list of all active alarm notifications for patients monitored at that Surveillance Station

**Tile view:** displays parameter numerics for up to 24 patients as well as alarm messages, measurement time stamps and battery status.

**Single patient view:** provides in-depth patient information including event waveform snapshots and graphical trends. Clinicians can manage reports, admits and discharges and alarm settings.

## Features

- Clinicians can set smart alarms, including limits, trend, combination and consecutive
- Pulse oximeters can be integrated so that SpO<sub>2</sub> measurements and alarms are also displayed at the Surveillance Station. Limit, combination, trend and consecutive alarms include SpO<sub>2</sub> when integrated
- Graphic trends for clinical parameters are available for 4-, 8-, 12- and 24-hour periods

## Service

- **Remote assistance:** Trained personnel can assist you remotely in diagnosing and troubleshooting your product over a secure VPN connection
- **On-site remote assistance:** allows hospital's trained personnel on-site remote connectivity to diagnose and troubleshoot your product

## Technical specifications

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Workstation	OptiPlex™ 7020 in small-form factor chassis, keyboard, mouse
Display	U2713H 68.5 cm (27 in) portrait display at 1200 x 1920 resolution at 60Hz
Network interface	RJ45 network adaptor 10/100/1000 Mb/s Ethernet WLAN adapter 802.11n (Refer to Surveillance Monitoring Service Manual for intended use.)

### Configurations

Single ward	One Surveillance Station monitoring 24 beds, each with Aingeal devices and optional SpO <sub>2</sub> devices. Dual-display option available
Configuration options	Up to two remote viewing stations available

### Monitor devices

Aingeal wearable device. For specifications on the Aingeal device, please refer to that specification sheet.

### Compatible pulse oximeters

Nellcor™ N-395, N-560, N-595, N-600, N-600x

Masimo® Rad-7, Rad-8 and Rad-9

Optional interface to bar code scanner, paging system, EMR/HIS or ADT systems

## Performance specifications

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### Data transmission

Data from each Aingeal device is received every one to 60 minutes depending on the configuration, or when an alarm is detected. A timestamp in the patient tile indicates when the data was received.

### Alarms

Display	Up to 100 alarms
Three alarm priority levels	High, medium, low and technical
Audio pause	2, 5, 15, 60 minutes (Aingeal device only)

## Power specifications

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### Small-form factor chassis

Voltage	100 to 240 VAC (max)
Current	4.4 A
Frequency	50 to 60 Hz
Power	255 W
Heat dissipation	870 BTU/hr (max)

### Display

Voltage	100 to 240 VAC (max)
Current	1.5 A
Frequency	50 to 60 Hz
Power	130 W (max), 60 W (typical)
Heat dissipation	443.6 BTU/hr (max), 204.7 BTU/hr (typical)

## Environmental specifications

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### Operating conditions

Temperature	10 to 35°C (50 to 95°F)
Relative humidity	20 to 80% (non-condensing)
Altitude	-15.2 to 3048 m (-50 to 10,000 ft)

### Storage conditions

Temperature	-40 to 65°C (-40 to 149°F)
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## Physical specifications

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### Display (with stand)

Dimensions (H x W x D)	53.8 x 64 x 20 cm (21.2 x 25.2 x 7.9 in) extended  42.3 x 64 x 20 cm (16.7 x 25.2 x 7.9 in) compressed
Weight	6 kg (13.2 lb)

## Warranty

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One year standard warranty.

## Certifications

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UL/IEC/EN 60601-1, IEC/EN 60601-1-2, IEC/EN 60601-1-8, IEC/EN 60601-2-27, IEC/EN 60601-2-49, FCC Part 15 Class B



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*Aingeal device manufactured by:*  
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