

Monitors

Commando Model 2651

Electric Remote Controlled Monitor



Description

The monitor is a stainless steel monitor with DC electric motor driven swivels for remote control. Swivel units are fully enclosed for long service life. Control motors are fitted with IP66 protective covers. The monitor can be used with Water Jet Branchpipes, Orion Model 6000RE fog nozzles & Orion Foam Lord model FLD2-65RE nozzles.

Key Features

The Commando Model 2651 is available with the following key features:

- 24 VDC motors
- Designed for the rough and high corrosion conditions
- Galvanised Steel metal conduit as standard to protect electrical cables
- Electronic limit stops that are field programmable without special tools
- A wide range of control options and ability to be customised for a wide range of applications means this monitor has great flexibility and capability

Control Options

The Commando 2651 monitor can be directly joystick controlled as with standard monitors but it can also be connected via Ethernet, WiFi or RS-485 network for long distance remote control. The monitor can be readily set-up for access over the

ORION FIRE ENGINEERING PTY LIMITED

ABN 80 002 538 696

26A LYN PARADE PRESTONS NSW 2170 AUSTRALIA

Tel (61) 2 9426 7900 FAX (61) 2 8783 5400

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internet. The monitor configuration options can be accessed by a web interface using a web browser providing the user with an unprecedented ability to configure the monitor.

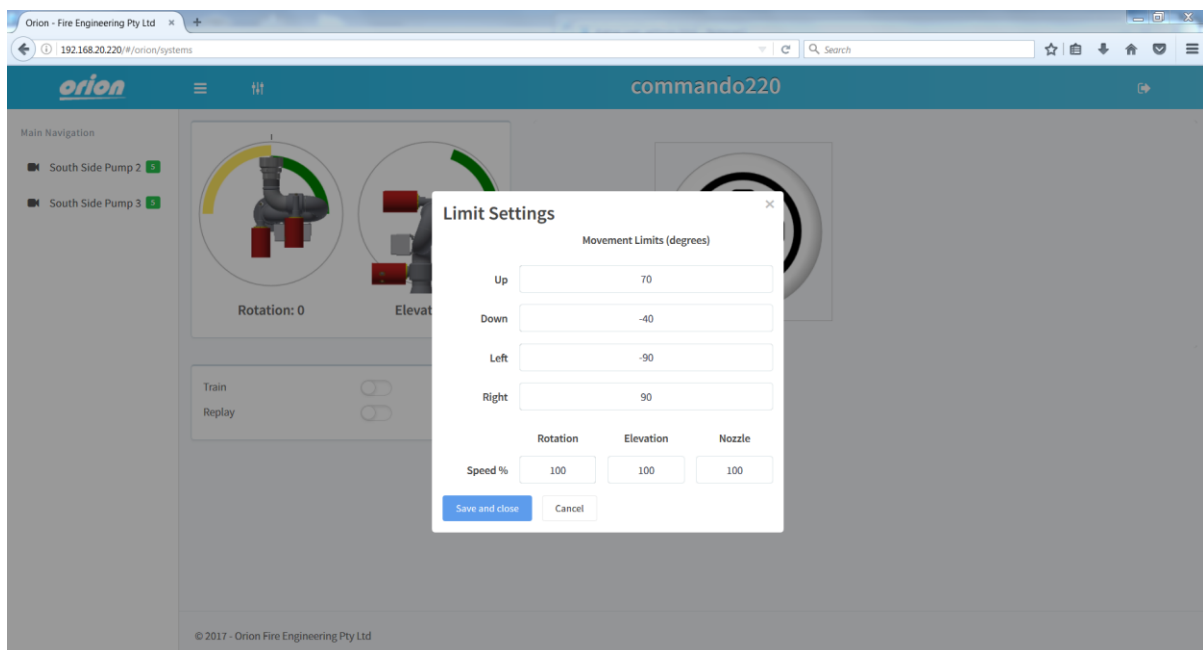
The monitor can be controlled using the web interface when using Ethernet or WiFi communications.

The monitor can be set up to automatically oscillate between preset limits, to have a preset parking position when not in use or it may be trained to repeat an operators movements. With a computer interface the monitor position can also be displayed.

Web Interface for Control & Setup via web browser

Monitors are all programmable using a web interface to set features such as:

- Movement limits can be set to prevent the operator being able to damage surrounding equipment
- Motor speeds can be adjusted to allow slower (more accurate) movement, or quicker movement depending on the application
- Oscillating limits can be set to automatically oscillate the monitor within a set range within the movement limits.
- Train monitor movement routines, and save & load them.



The monitor can also be controlled from the web interface, such as:

- Monitor movement – a progressive joystick control moves the monitor faster the further away from the centre that the cursor is moved
- Monitor position feedback.
- Nozzle movement (if remote control nozzle is specified when ordered).
- Valve control (e.g. water valve open/close, foam on/off - if specified when ordered).

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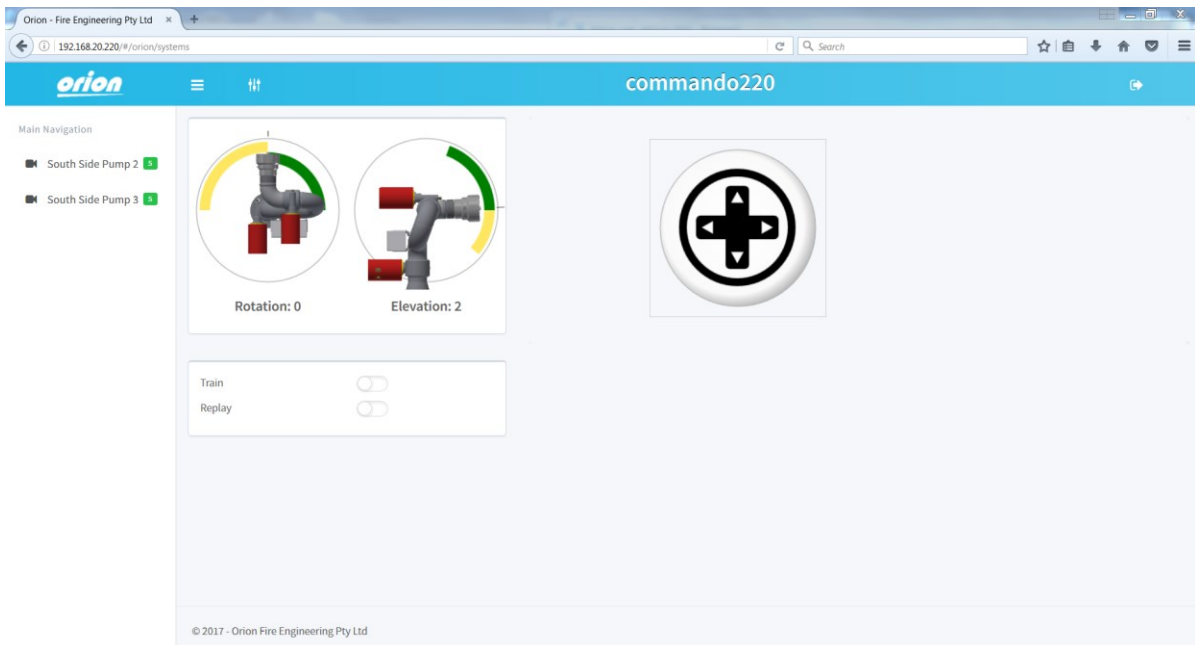
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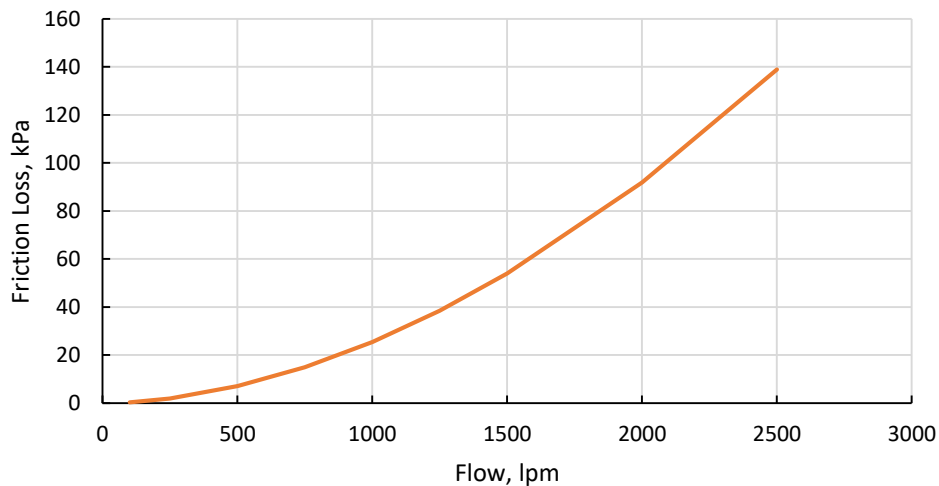
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It is also possible to link to the monitors and switch control from one to another them (one at a time).

Performance

**Friction Loss Chart
63mm Commando**



Specifications

Maximum Recommended Flow:	2,500 lpm
Horizontal Rotation:	-250° to +250° (500 degrees total)
Vertical Movement:	150°
Inlet Connection	Flanged 80mm ANSI Class 150
Outlet Connection	65mm BSP Male
Motor Current (each) – normal	2.5 Amp
Motor Current (each) - maximum	5 Amp

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Materials of Construction

Waterway:	316L Stainless Steel
Swivels:	316L Stainless Steel
Inlet Flange:	316L Stainless Steel
Balls:	Brass
Grease Nipples:	316 Stainless Steel
Fasteners:	316 Stainless Steel
Motors Housing:	Brass

Options

Outlet Connection:	65mm BSP Male as Standard
Inlet Flange:	3" ANSI #150 raised face
Controls:	Panel mount joystick units, Handheld pendant controllers
Paint:	Marine Paint finish available

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