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InfraStake Control Specifications

InfraStake Software and Hardware

These are the software and hardware requirements for the IS32 module. Although not required, these specifications will also work with the IS125 and ISM20 modules.

PLC

<i>Software</i>		Rockwell Studio 5000 version 28+ (Allen Bradley Logix)
<i>Memory*</i>	<i>127 Module (max)</i>	832 kB
	<i>63 Module (max)</i>	701 kB
	<i>31 Module (max)</i>	635 kB
<i>Data Storage</i>	<i>Statistical Process Control (SPC)</i>	50 cycles
	<i>Fault Log</i>	100 faults

HMI

<i>Software</i>		Rockwell FactoryTalk View Studio version 8.2+
<i>Screen Recommendations</i>	<i>Size</i>	10" (7" min)
	<i>Series</i>	PanelView Plus 7 Performance (PanelView Plus 6 min)
<i>Screen Count</i>		11 replace, 2 on-top
<i>Languages</i>		English (only)

INPUTS/OUTPUTS

<i>Outputs</i>	<i>Lamp On</i>	1 digital (PNP/NPN) output per module
<i>Inputs</i>	<i>Lamp Status</i>	1 digital (PNP) input per module
	<i>Punch Sensing</i>	1 analog (0-10 VDC) input per module (IS32 module) 10 VDC power source needed 1 digital (PNP) input per sensor (ISM20 module)

*These are the memory requirements for the InfraStake software only. Additional memory will be required for the machine program.