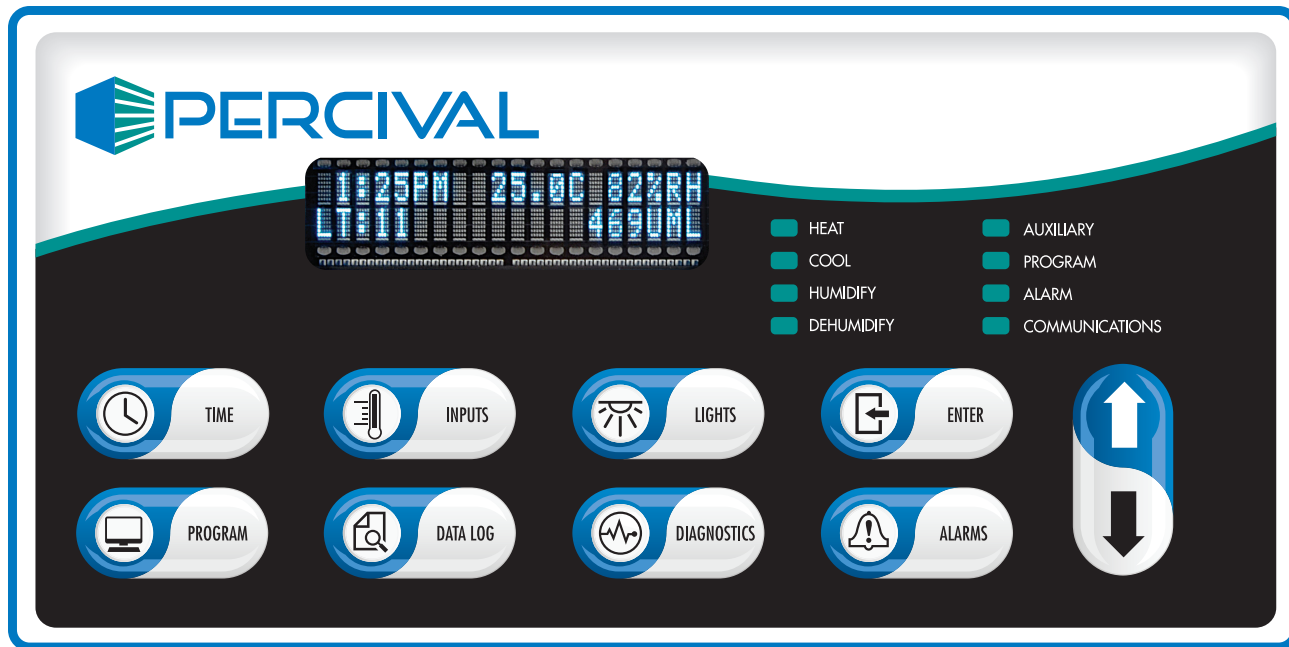


controllers

IntellusUltra C8 (standard) and
IntellusUltra C8T (android-based technology)



IntellusUltra C8 (standard)

more choices. more control. more data.
all available in the power of your hand!

Percival Scientific has built a legacy of providing the life science market with the industry's best control system platforms. Through the years we've listened, tested and refined to now introduce the most advanced controller yet – the IntellusUltra!

The IntellusUltra delivers four choices of control systems letting you choose the options of what data to collect and how it is collected. Information on two of those choices, the [IntellusUltra C8](#) (standard) and the [IntellusUltra C8T](#) (android-based technology), is listed on the following page, allowing you to pick the one that fits your research needs and budget.



IntellusUltra C8T (android-based technology)



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controllers **IntellusUltra C8 and IntellusUltra C8T**

IntellusUltra C8 (standard)

- Single-board electronic solid state design
- Programmable controller via any of the following programming Styles:
 - Modify and run manual settings
 - Configure modify and run diurnal program
 - Configure modify and run 24 hour multi-steps program in ramping mode
 - Configure modify and run 24 hour multi-steps program in non-ramping mode
 - Configure modify and run non-24 hours program in elapsed time
 - Sequence multi-step programs (multiple programs can be linked together to simulate natural conditions)
- Dual experiment protection via integrated yet independent temperature limit shutdown
- Two calibration offsets per input channel (one for lights on and one for lights off)
- Simple field firmware upgrades
- Light lifetime maintenance:
 - The controller maintains the accumulated hours each light output has been activated
 - The accumulated hours can be reset for each output
- Three wires RTD sensor inputs.
- Highly visible alarm display with audible buzzer
- Configure defrost settings (if applicable)

- Power failure event logging
- Ambient temperature monitoring
- Durable 10 keys industrial keypad with VFD display and LED indicators
- Available programmable outputs allow for user specific control requests (i.e. programmable electrical outlets)
- Controller can be secured with four-level password protection
- View current set-points and process values, alarm status, alarm settings, program operation mode, program steps and controller time
- Digital lighting control
- Field-upgradable I/O expansion
- Backwards compatibility with Intellus series controller
- Improve troubleshooting with upfront Diagnostics Menu

IntellusUltra C8T (android-based technology)

- High definition IPS (1280 x 800) touch screen interface
- Graphing of data (last 6 hours)
 - Trend graphs viewed directly on screen for both Set-point and Actual conditions
- Android-based app allows for user friendly programming interface
- Graphical interface for convenient, EASY programming and viewing of data
- Highly visible alarm display



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