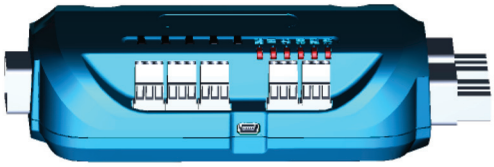
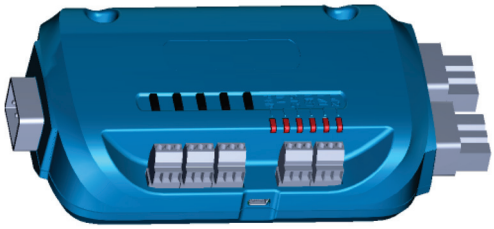
Horiso **Dynamic Facade Controller**

The next pdf is an 3D interactive pdf that will allow you to view the Dynamic Facade Controller by moving the object in whatever direction you choose. Click on the image to get started and then follow the prompts.

climate ready





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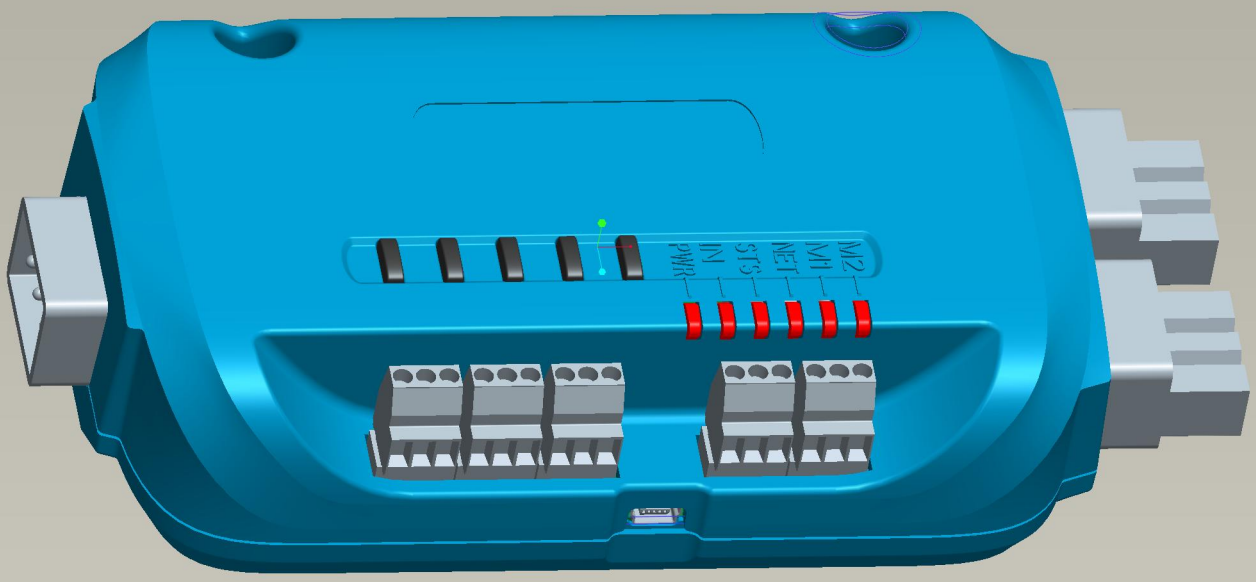
M2
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NET
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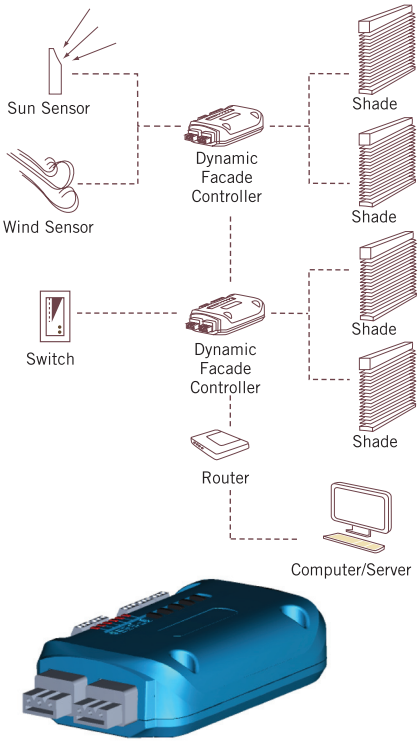
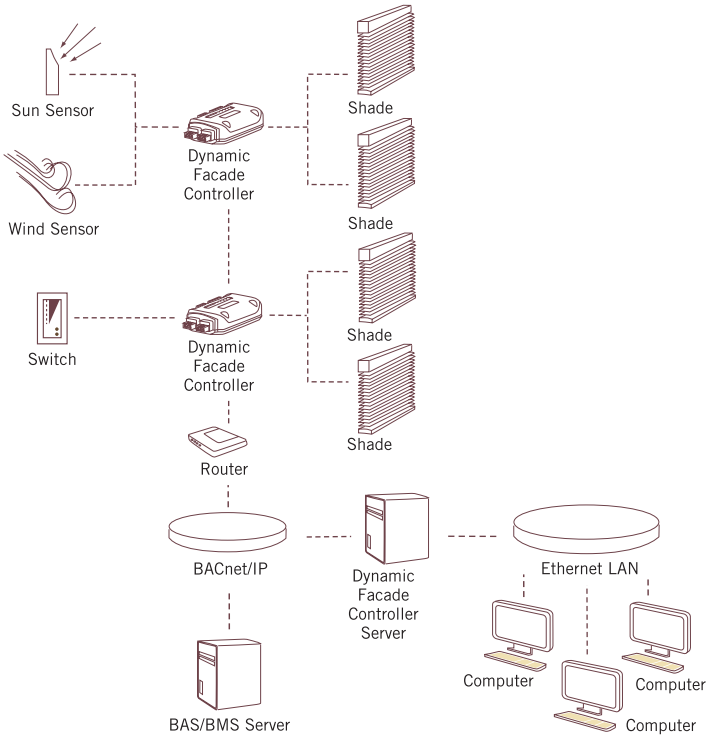
Stand-alone control



Integrated control



Dynamic Facade Control System

Integrated control solutions for automated building systems achieve new levels of building energy efficiency.

Unique building design calls for unique control solutions. Individual project requirements are established and addressed in the controller programming and commissioning phases. Each controller is programmed with predetermined parameters allowing customised functionality for each building system. This enables each controller to perform effectively as a component of the overall building system.

The Dynamic Facade Controller integrates all operable building envelope systems into a single distributive network. This unique network approach allows each controller to perform individual tasks while cooperating with other building envelope systems.

The Dynamic Facade Controller is a two motor controller designed specifically for the operation of motorised shading systems. In addition to controlling two motors, each controller is capable of accepting six dry contact inputs. Programmable layers allow for the addition of sensors and A/V system integration. The controller operates stand-alone or networked using BACnet/MSTP over RS-485.

The Dynamic Facade Controller manages internal light and glare by responding actively to varying environmental conditions via signals or inputs from devices such as sun and wind sensors, switches, remotes, timers or a combination of all five. The system is compatible with all shading systems featured in this brochure.

Overall, the Dynamic Facade Control System maximises indoor environmental quality and reduces energy consumption, creating comfortable, productive and sustainable built environments.

Programmable layers include:

- The capability for each shading device to evaluate how its performance contributes to a specific lighting condition.
- Sun tracking and scheduling capabilities for time of day, week and/or year.
- Glare and heat gain control.
- View displays the entire floor plan of the system, including sensor performance and the status of each shading device.
- Provides access to system logs, lockout/overrides and alarms.
- Monitoring and configuration from within a standard web browser.
- Gives an individual user point-and-click control of shades in their individual area.
- Supports scene control, scheduling and tweaks.