

# THE EYE CENTER

COLUMBUS, OH, USA

HEALTH CARE

## SEEING IS BELIEVING

Conceived by over thirty ophthalmologists representing more than ten practices, the five-storey Eye Center located in downtown Columbus' Arena District is a regional destination for comprehensive eye care.

## PROJECT DETAILS

The Reliable Controls<sup>®</sup> MACH-System is integral to providing 24-hour integrated management of the intricate Eye Center environment. The system provides dependable control, remote access, monitoring, and 24-hour alarm notification. The MACH-Global<sup>™</sup> building controller and the ETHER-Link<sup>™</sup> portal manage 3 MACH1<sup>™</sup> controllers, 40 MACH-Zone<sup>™</sup> controllers, and 157 MACH-Air<sup>™</sup> VAV controllers on four dedicated BACnet MS/TP networks utilizing a BACnet IP backbone.

The Reliable Controls<sup>®</sup> MACH System controls a central hydronic heating and chilled water plant, two medium-pressure variable air volume handling units, a single dedicated constant volume air handling unit for the low-pressure surgery center, 40 independent reheat zones, and 157 MACH-Air<sup>™</sup> VAV controllers. SMART-Sensors<sup>™</sup> are featured throughout the facility for space temperature monitoring as well as simple, local user interface. The superior functionality of the Reliable Controls<sup>®</sup> MACH-System offers truly reliable and flexible control of all aspects of the Eye Center. Every phase of the installation was completed and operational ahead of schedule and zero tenant comfort complaints were voiced to the developer and construction manager during the first year warranty walk-through.

To learn more about projects using Reliable Controls<sup>®</sup> visit [www.reliablecontrols.com/projects/overview](http://www.reliablecontrols.com/projects/overview)



**PROJECT TYPE:**  
New Construction

**INSTALLATION TYPE:**  
HVAC

**TOTAL AREA:**  
11,000 m<sup>2</sup> (120,000 ft<sup>2</sup>)

**EQUIPMENT INSTALLED:**  
1 ETHER-Link<sup>™</sup>  
1 MACH-Global<sup>™</sup>  
3 MACH1<sup>™</sup>  
40 MACH-Zone<sup>™</sup>  
157 MACH-Air<sup>™</sup>  
199 SMART-Sensors<sup>™</sup>

**NETWORK:**  
EIA-485, BACnet/IP

**INTEGRATION:**  
BACnet<sup>®</sup>

**TOTAL SYSTEM POINTS:**  
1,700 points

**RELIABLE CONTROLS<sup>®</sup> DEALER:**  
Commercial Control Services

www.reliablecontrols.com