SkyView™ Toxic Gas Monitoring System

DOD Technologies
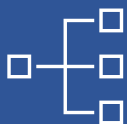
SKYView
Toxic Gas Monitoring System

SkyView™ Toxic Gas Monitoring Systems allows you to monitor multiple gas detectors from one control station. System features include:

- Available as a controller (up to 16 or 80 channel), custom cabinet or standalone software package
- Access to alarm history, concentration history, individual instrument data, I/O status, optional paging system and security system setup
- User-level system modification access
- Web server capability
- Developed in the USA by DOD software engineers

Contact your DOD Technologies representative for a quote or further information.

GAS DETECTION
SYSTEM INTEGRATION

VISUALIZE ALL
POINTS SIMULTANEOUSLY

EASY TO
INSTALL

DIRECT ALARM
TO EMERGENCY RESPONSE

SkyView™ 16 or 80-Point Multi-Channel Controllers

SkyView™
Toxic Gas Monitoring System

SkyView™ Controllers are customizable PLC-based systems. They provide simultaneous display and alarm functions for up to 16 or 80 gas detection devices. The advanced software provides both high-level and point-by-point views of all connected gas detectors within a facility. Get real-time status updates on all inputs/outputs. And utilize the facility mapping feature to plot and view where an alarm was triggered. SkyView provides convenient remote monitoring for various brands and types of detectors.

SkyView configurations include:

• Digital inputs
• Programmable relays
• Analog inputs
• Power supply (redundant power supply optional)
• Webserver
• Email/Text
• (1) Facilities Mapping (2-5 pages optional)
• Data logging with remote access
• Optional Modbus/TCP or Ethernet IP
• 3-Color Stack Light Tower (optional)
• Secondary remote display (optional)

Custom cabinet configurations are available upon request. Please contact us for details.

SkyView™ 80
Channel Controller

SkyView™ 16
Channel Controller

Key Screens & Features

Overview Screens

These provide a high-level view of the connected gas detectors in the facility, a focused view by detector-type and a facility layout view based on the physical detector location.

Point-By-Point Details

Select a device to obtain point-specific gas detector details including the target gas, location, alarm level settings and current and historical concentration levels.

Key Screens & Features, cont.

Input/Output (IO) Status
Displays real-time status updates on all system inputs and outputs.
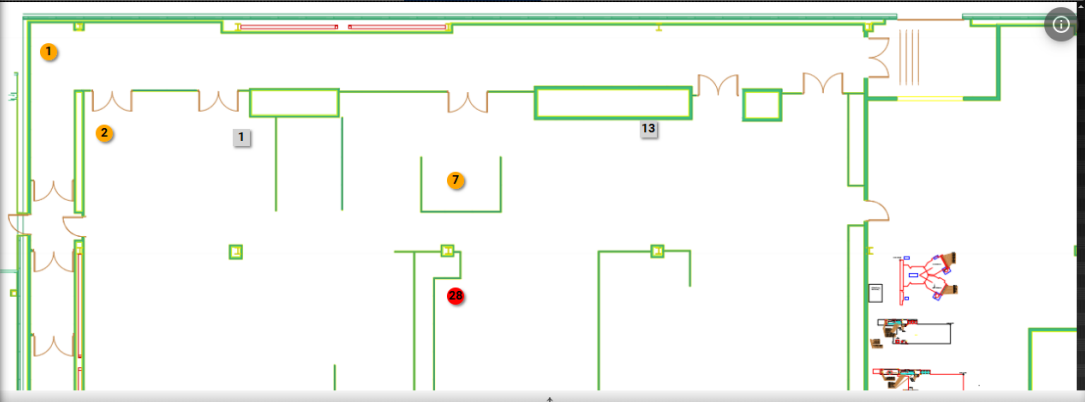
Facility Mapping
Utilizes layout drawings to plot detector locations and view when an alarm is triggered. Event status and alarm history can also be viewed below.

The SkyView Portfolio

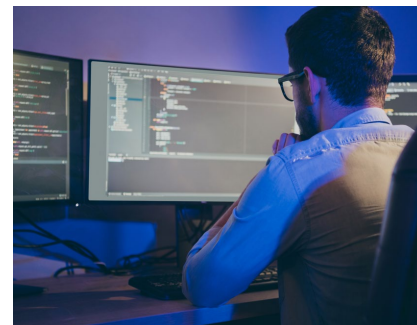**SkyView™ Controllers
(up to 16 or 80 Channels)**

**Custom
Cabinets**

**Standalone
Software Package**

SkyView Connected Gas Monitoring System

A complete SkyView Connected Gas Monitoring System can be established utilizing a SkyView Controller. Systems can survey multiple channels for convenient remote monitoring.

Varying Detectors

Remote Monitoring

SkyView Controller
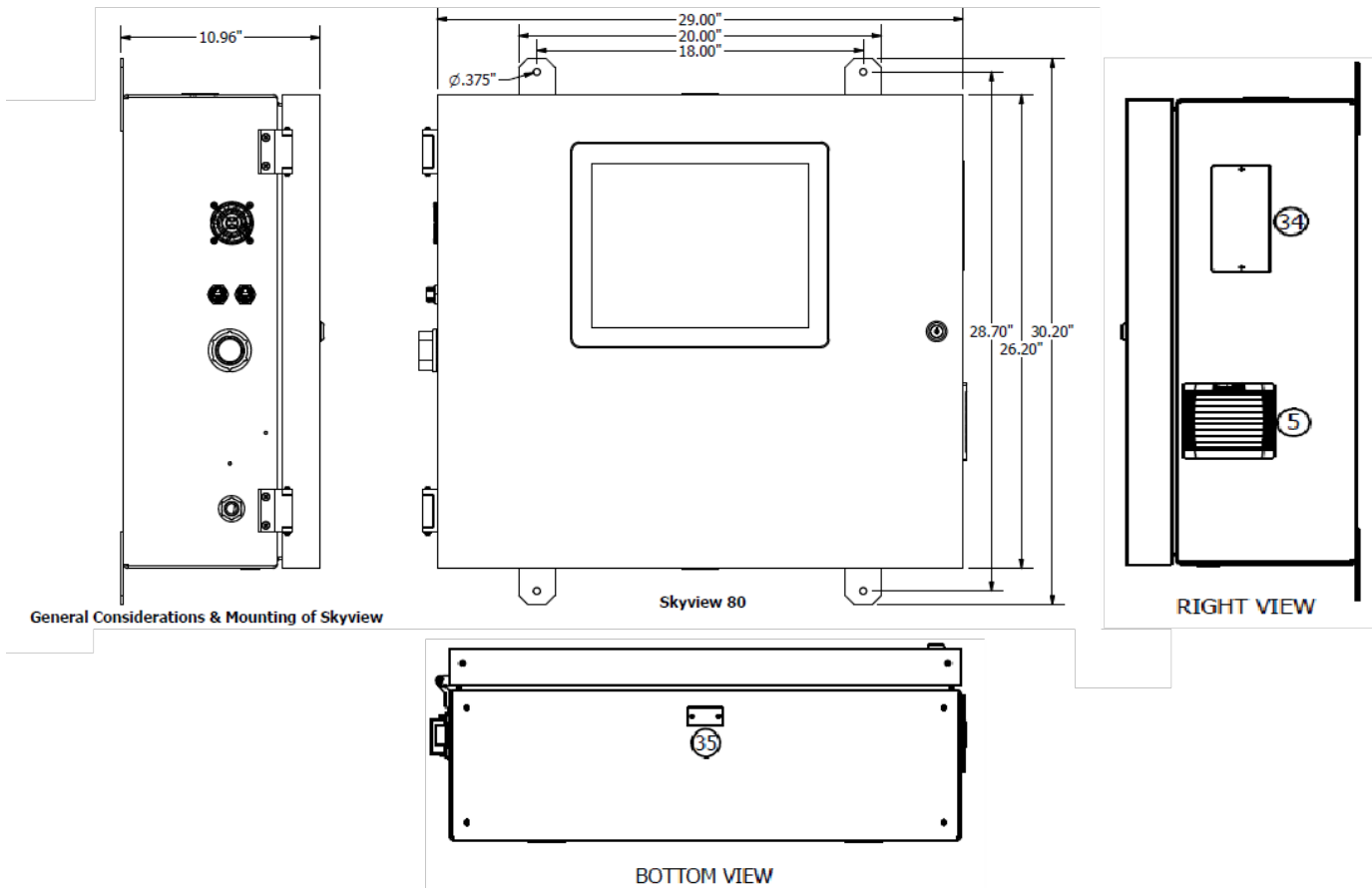

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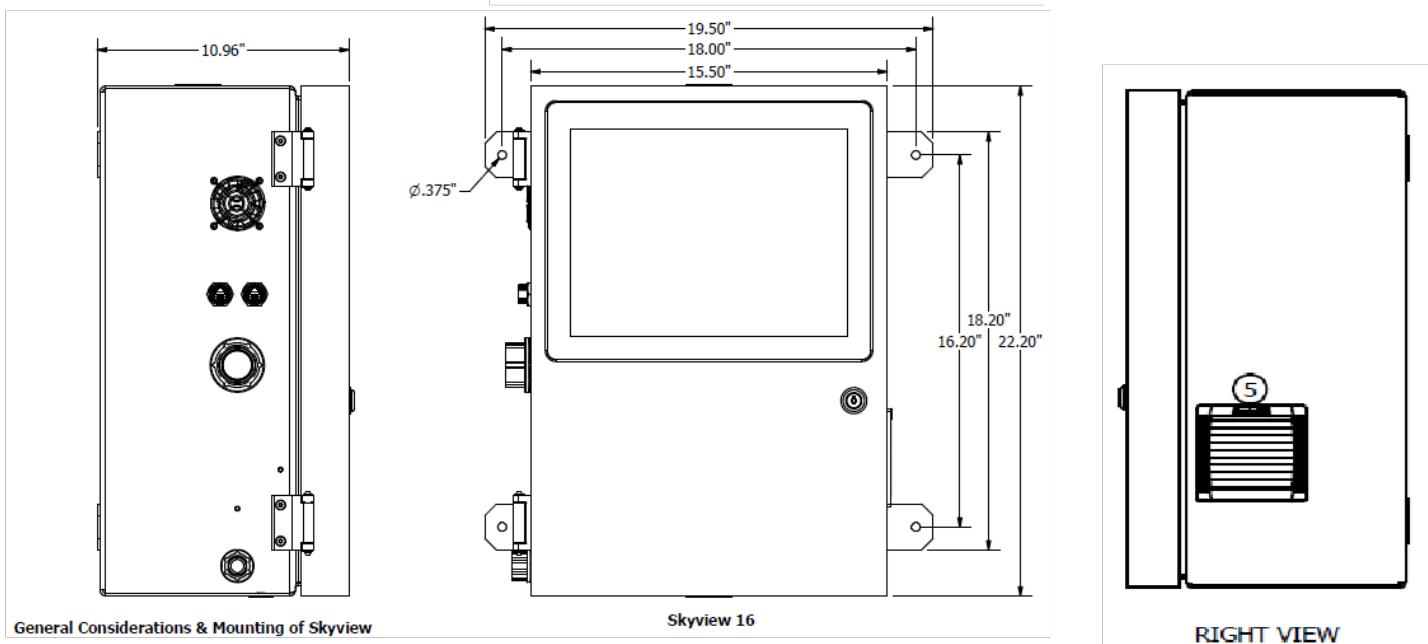
Email

Specifications

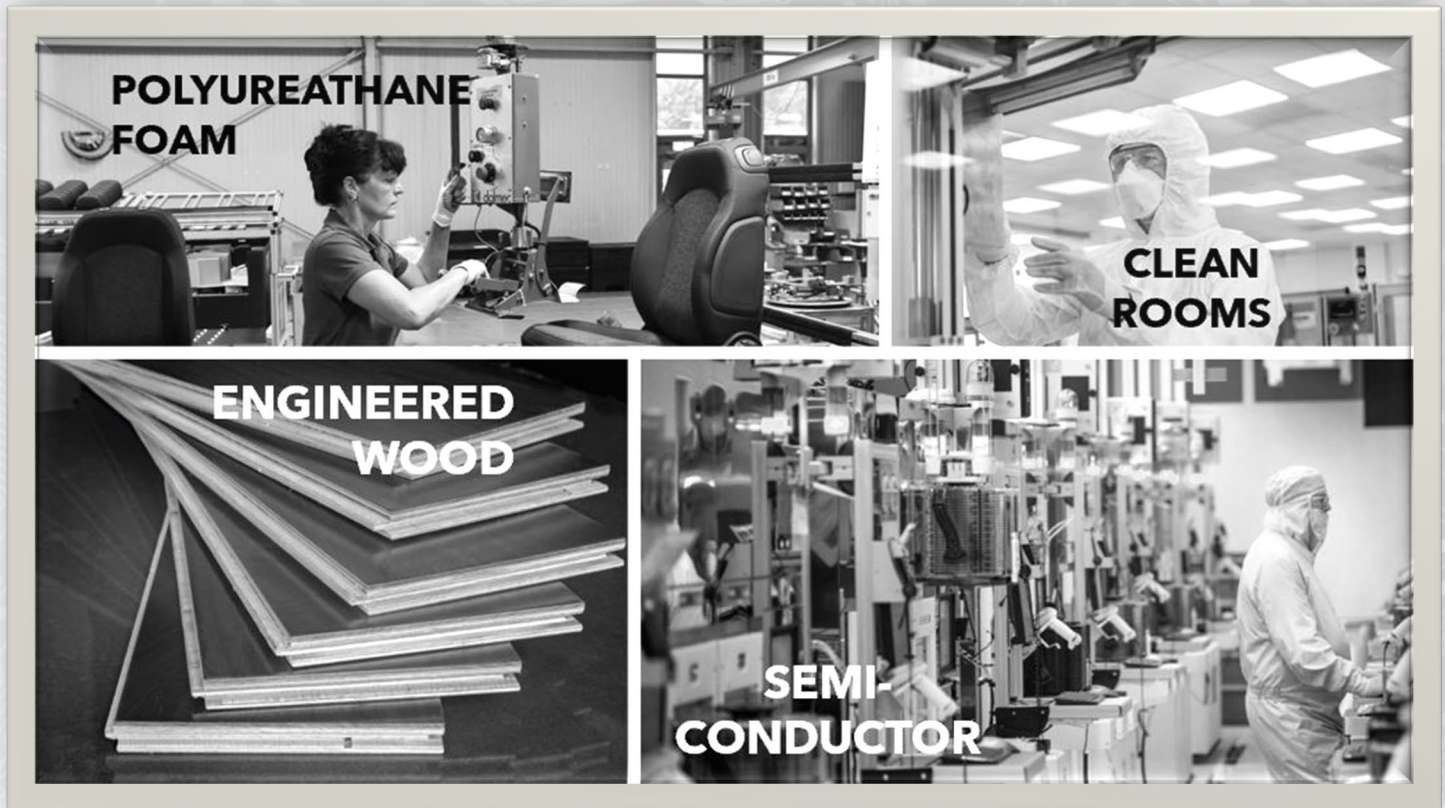|	
Model	SkyView 80 (80-Channel) / SkyView 16 (16-Channel) Controller
Input	Analog Input Impedance is 85 ohms. +24VDC power supply terminals provided. Analog inputs included: 16 for SkyView 16; 80 for SkyView 80.
Ethernet Ports	ModbusTCP Server and Ethernet/IP communication protocol options are available. Web server (standard) remote access is available.
Alarm Relays	Form C output relay contacts are rated for up to 6A and up to 250VAC, 16 relays. Relays can be configured to energize on Fault or Analyzing and are not limited to only alarms. Programmable relays included: 16 for SkyView 16; 32 for SkyView 80.
Alarm Reset	Alarms can be silenced/reset from the HMI. Optional support in software for a remote pushbutton to silence/reset alarms if needed. Digital inputs included: 8 for SkyView 16; 16 for SkyView 80.
Display	Touchscreen, LED Backlit, Diagonal 15", Aspect Ratio 4:3, Capacitive Single-touch and 10-touch
Ambient Temperature Range	32°F to 104°F (0°C to 40°C)
Relative Humidity	Should not exceed 50% at max temperature of 104°F (40°C). Higher RH is permitted at lower temperatures (i.e., 90% at 20°C)
Noise Level	Maximum noise level for this equipment was less than 36db(A)
Altitude	0 to 2000m
Power Supply	24 ~ 28VDC (24VDC nominal), 960-Watt max. (SkyView 80) or 480-Watt max. (SkyView 16)
Redundant Power Supply	This option includes redundancy module and secondary power supply: **SkyView 80**: 24 ~ 28VDC (24VDC nominal), 960 Watts max. When installed total system limitation 40A, 960W. **SkyView 16**: 24 ~ 28VDC (24VDC nominal), 480 Watts max. When installed total system limitation 20A, 480W.
System Power	**SkyView 80**: AC Input range, 100 ~ 240VAC; Frequency Range, 50/60Hz; 8.6A/120VAC; 4.5A/230VAC **SkyView 16**: AC Input range, 100 ~ 240VAC; Frequency Range, 50/60Hz; 4.6A/115VAC; 2.4A/230VAC
Enclosure	Power coated steel, IP30 equivalent
Dimensions	**SkyView 80**: SkyView 80: 29" (736.6mm) W x 26.20" (665.5mm) H x 10.96" (278.4mm) D **SkyView 16**: 15.50" (393.7mm) W x 22.20" (563.9mm) H x 10.96" (278.4mm) D

Dimensions

SKYVIEW 80 CONTROLLER (4-200-101) ENCLOSURE ELEVATION

10.96"

29.00"
20.00"
18.00"

Ø.375"

28.70" | 30.20"
26.20"

General Considerations & Mounting of Skyview

Skyview 80

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RIGHT VIEW

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BOTTOM VIEW

SKYVIEW 16 CONTROLLER (4-200-102) ENCLOSURE ELEVATION

10.96"

19.50"
18.00"
15.50"

Ø.375"

18.20"
16.20" | 22.20"

General Considerations & Mounting of Skyview

Skyview 16

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RIGHT VIEW

POLYUREATHANE FOAM

CLEAN ROOMS

ENGINEERED WOOD

SEMI-CONDUCTOR

DOD Technologies is the global leader in low-level gas detection systems and solutions. We understand the importance of keeping your employees safe and your business operational. And we know that even false alarms can be extremely costly in terms of lost productivity.

The DOD Technologies portfolio includes fixed systems, portable gas detectors, controllers, onsite and field technical services and system integrations. Our comprehensive line of gas detection products begins with ChemLogic®, which is engineered to an enhanced standard of accuracy and reliability. Our network of knowledgeable sales and service technicians stands ready to assist you, backed by years of gas detection experience.

For more information, or to order, please visit us at DODtec.com.