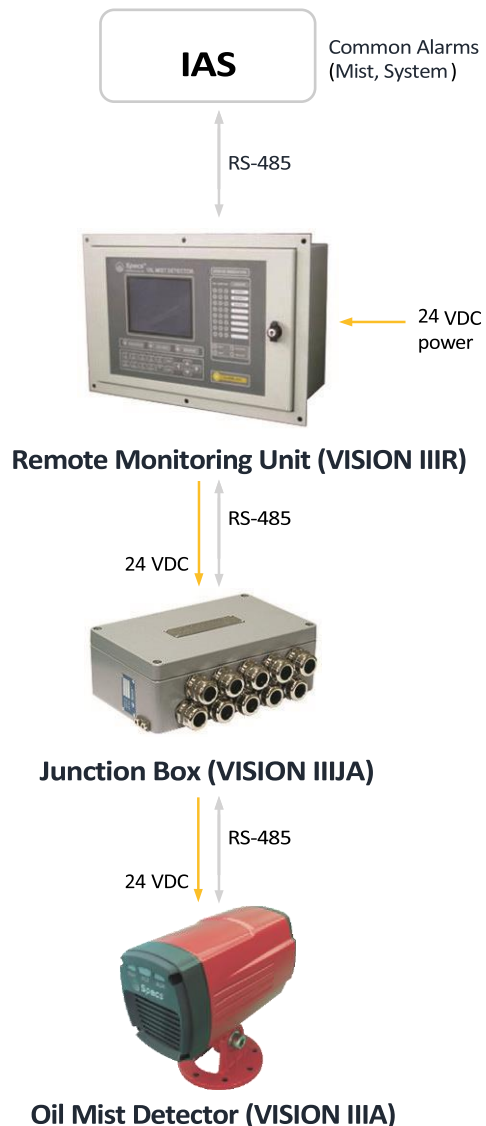


# SPECSVISION-AOMD

## Engine Room Oil Mist Detection System



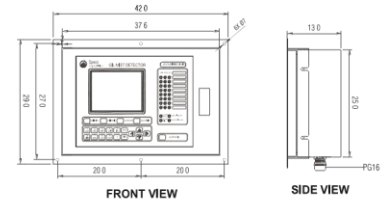
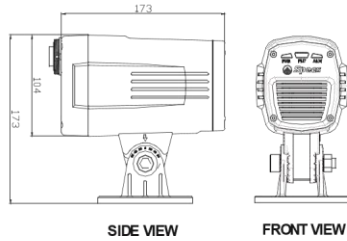
### Atmospheric OMD System



### SYSTEM FEATURES

- Newest version based on recent IACS
- Effectiveness verified based on M67 rules
- Superior accuracy verified
- Most rigid construction
- Instantaneous response to alarm
- RS-485 / 422 to IAS
- Less contaminated sensor design
- Highly integrated single board design
- Robust anti-vibration construction
- Multi- functional remote monitoring unit
- Proven test and calibration chamber

## TECHNICAL SPECIFICATIONS



Detector Unit	
<b>Type</b>	VISION IIIA Multi Sensor
<b>Sensitivity</b>	0.01 mg/Ÿ(0.01 ppm)
<b>Communication Between RMU &amp; Detector</b>	RS-485 or 4~20 mADC at range of 0~5.0 mg/Ÿ
<b>Indication</b>	Green : Power ON Yellow : System Fault Red : Mist Alarm
<b>5- Way Plug in Connector or Cable gland</b>	Power : 1, 2 pin Signal : 3, 4 pin Shield : 5 pin
<b>Mounting</b>	Standard Stand or Bracket
<b>Enclosure Rating</b>	IP 44
<b>Power</b>	24 VDC
<b>Temp. Rating(Operation)</b>	0 • to 70 •
<b>Dimensions</b>	H 173 x W 100 x D 205 mm
<b>Weight</b>	2.2 kg
<b>Housing</b>	PPA +GF 30%, Halogen free, Aluminum Body



Junction Box	
<b>Type</b>	VISION IIIIA
<b>Max. No. of Detector Input</b>	14 Serial (Individual) Connection
<b>Enclosure Rating</b>	IP 56
<b>Temp. Rating</b>	0 • to 70 •
<b>Dimensions</b>	H 160 x W 260 x D 90 mm
<b>Weight</b>	2.5 kg
<b>Housing</b>	Aluminum

Remote Monitoring Unit (RMU)	
<b>Type</b>	VISION IIIIR
<b>Display</b>	6" Monochrome LCD (340 x 280) Mist- Level Display Mode (Bar & Digital Value)
<b>Scanning Time</b>	50 msec for each point
<b>Max. No. of Group</b>	8 Groups
<b>Measuring Range</b>	0~5.00 mg/Ÿ
<b>Communication Signal</b>	Input: RS-485 (protocol; MODBUS) Output: RS-485 (protocol; MODBUS Dual)
<b>Memory</b>	Event log: 3000 Data History log: 10 sec x 1 Day
<b>Alarm &amp; Failure Status</b>	Mist Alarm Mist high alarm Pre-warning alarm System fault alarm  Alarm Setting  Alarm Contacts  Mist High N.O (8 ea) Pre-warning alarm; N.C (8 ea) N.O/N.C selectable 125 VAC 0.5 A, 30 VDC 1.0 A, 1a1b
<b>Enclosure Rating</b>	IP 44
<b>Power</b>	24 VDC Current rating: 1.5 A Fuse rating: 2.0 A Over voltage protection: +30 % -20 % of voltage rating (24 VDC)
<b>Temp. Rating</b>	0 • to 70 •
<b>Dimensions</b>	Wall Flush H 250 x W 380 x D 130 mm H 290 x W 420 x D 130 mm
<b>Weight</b>	7.5 kg Gross
<b>Housing</b>	Carbon Steel