

# VisLite camera for kilns, boilers, furnaces, and more

Valmet VisLite Imaging System is a rugged, air-cooled, HD visible camera. Designed for comprehensive observation and analysis of high temperature industrial environments, the Valmet VisLite Imaging System provides unparalleled image quality from start up to full load conditions. It is particularly well suited for observing flame applications.

## Benefits

- Improved monitoring resulting in reduced operating costs
- Reduced maintenance costs
- Greater visibility during start-up and at full load
- 24/7 visibility for improved safety

## With BDS Advanced Image Processing

- Automated flame identification
- Metric for fuel and combustion distribution
- Provides historical data points for flame shape, size and location

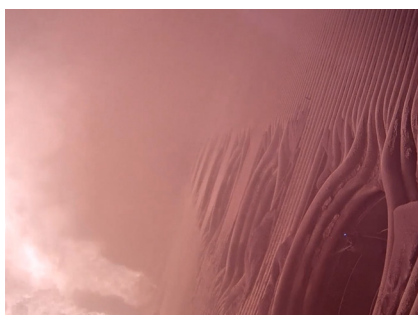


## Built to Last in the Toughest Environments

The Valmet VisLite Imaging System is made for ease of installation and reliability on a wide range of applications. The network ready video stream makes it simple to integrate into existing video systems or take advantage of our advanced imaging applications with the optional image processing PC.



The system also includes automated time-lapse reporting. Each report compiles the previous days images into a compressed 24-hour time-lapse video. The system can even be configured to automatically email these reports out to key personnel.



PC Fired Power Boiler Burner



Waste to Energy Moving Grate

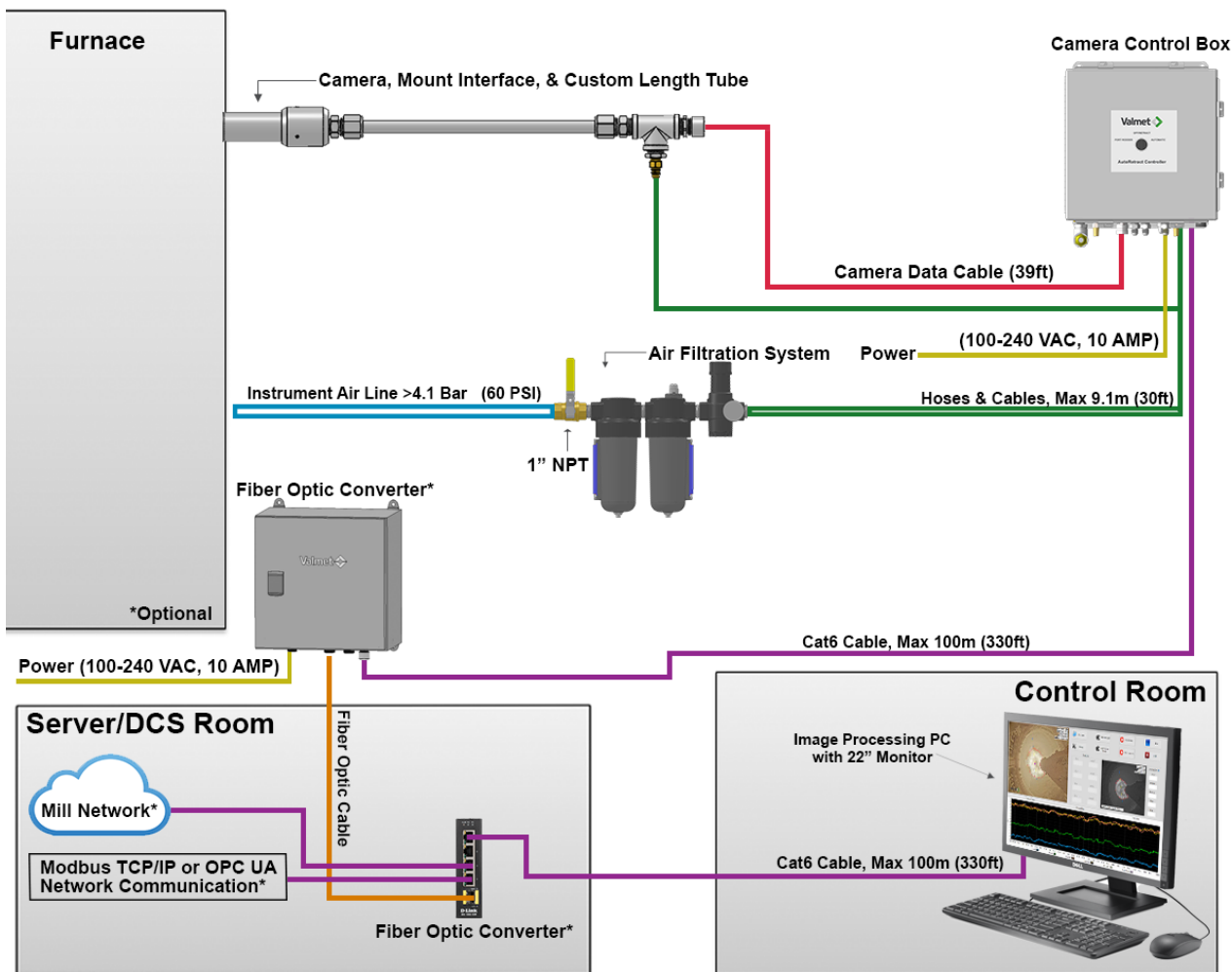


Rotary Lime Kiln Grate

For more information, contact your local Valmet office. [www.valmet.com](http://www.valmet.com)

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## Technical Specifications & Layout



<b>Dimensions</b>	Camera Enclosure	300 x 300 x 210 mm (11.8" x 11.8" x 8.2")
	Air Filter	152 x 406 x 711 mm (6" x 16" x 28")
<b>Standard Lens Assemblies</b>	HD Visible 64 Degree	64° FOV, D 35 mm x L 178 mm (1 3/8" x 7")
<b>Lens Performance</b>	Focal Range	305 mm (12") to infinity
<b>Camera Unit</b>	Framerate	30Hz
	Detector	CMOS, 1920x1080 Pixels
	Display Resolution	1400x1050
	Gain/Level	Automatic gain, Automatic Level
	Video Format	H.264, Motion jpeg
<b>Weights</b>	Imaging Module	1.59 kg (3.5 lbs.)
	Control Box	5.9 kg (13 lbs.)
<b>Environmental</b>	Imaging Unit/Camera	-18°C to 54°C (0°F to 130°F) (non-condensing)
	Air Filter System	0°C to 79°C (32°F to 175°F)
<b>Electrical</b>	Camera/Controller	85~240 VAC 50/60 Hz 0.8A SCCR: 5kA
<b>Cooling Air</b>	Air Supply	Plant (service) air (Good), Instrument air (Best)
	Pressure	4.14 bar (60 psig.)
	Consumption	<1699 L/min (<60 SCFM) @ 5.5 bar (80 psi) inlet pressure

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