

IGNIS PROBE

ENDOSCOPIC FURNACE IMAGING SYSTEM

An endoscopic camera system that provides uninterrupted imaging in high-temperature processes up to **1690°C**.



HIGH-TEMPERATURE RESISTANCE

Reliable operation in processes up to 1690°C.



ENDOSCOPIC PROBE DESIGN

Allows imaging of hard-to-reach areas.



HD IMAGE QUALITY

Provides operators with clear and reliable process visibility.



LOW MAINTENANCE COST

Durable design and long service life reduce maintenance costs.



SYSTEM INTEGRATION

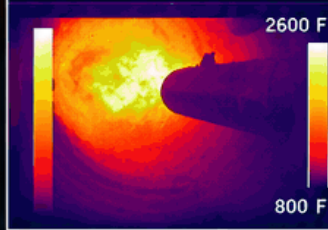
Compatible with SCADA, DCS, and automation systems.

CCTV CAMERA



High-resolution, crystal-clear imaging

THERMAL CAMERA



Monitor heat distribution accurately and safely

KEY ADVANTAGES



HIGH-TEMPERATURE RESISTANCE

Provides reliable and uninterrupted monitoring in harsh industrial environments up to 1690°C.



ENDOSCOPIC PROBE DESIGN

Enables inspection and monitoring of inaccessible areas inside furnaces and boilers.



SUPERIOR IMAGE QUALITY

Available with HD, 2MP, and 4MP camera options for detailed process visibility.



LONG SERVICE LIFE & DURABILITY

Robust industrial design ensures reliable performance and extended operational life.



FLEXIBLE COOLING OPTIONS

Air cooling as standard, optional water cooling for demanding applications.



EASY SYSTEM INTEGRATION

Seamlessly integrates with Ethernet, wireless, SCADA, and DCS infrastructures.

TECHNICAL SPECIFICATIONS

FEATURE	IGNIS PROBE
 Spectral Range	Visible
 Resolution	HD, 2MP or 4MP
 Frame Rate	50–60 Hz
 Lens Length	30 cm – 165 cm
 Lens Types	Straight and Angled
 Viewing Angle	65°, 90°, 110° (Horizontal)
 Cooling	Air Only (Water Optional)
 Maximum Operating Temperature	1690°C
 Temperature Measurement	Not Available
 Software	Not Available
 Data Transmission	Ethernet, Wireless

APPLICATIONS



Iron & Steel Industry



Glass Industry



Cement Plants



Mining Facilities



Industrial Furnaces



Boiler Systems

KEEP YOUR CRITICAL PROCESSES UNDER CONTROL

Designed for reliable operation in high-temperature, dusty, smoky, and harsh industrial environments. IGNIS PROBE enhances process safety, improves operational efficiency, and provides uninterrupted process visibility.



SAFE

Provides uninterrupted monitoring in demanding environments.



DURABLE

Heavy-duty industrial construction ensures long-term reliability.



EFFICIENT

Improves process control and operational performance.



COST-EFFECTIVE

Reduces maintenance requirements and lowers operating costs.

