



CEMENT PLANTS

SOLUTIONS FOR INDUSTRIAL AUDIO&VIDEO SYSTEMS REQUIREMENTS



SYSTEM PROPOSED FOR CEMENT APPLICATION:

HIGH TEMPERATURE CAMERA SYSTEM



INDUSTRIAL CCTV SYSTEMS



INDUSTRIAL AUDIO COMMUNICATION



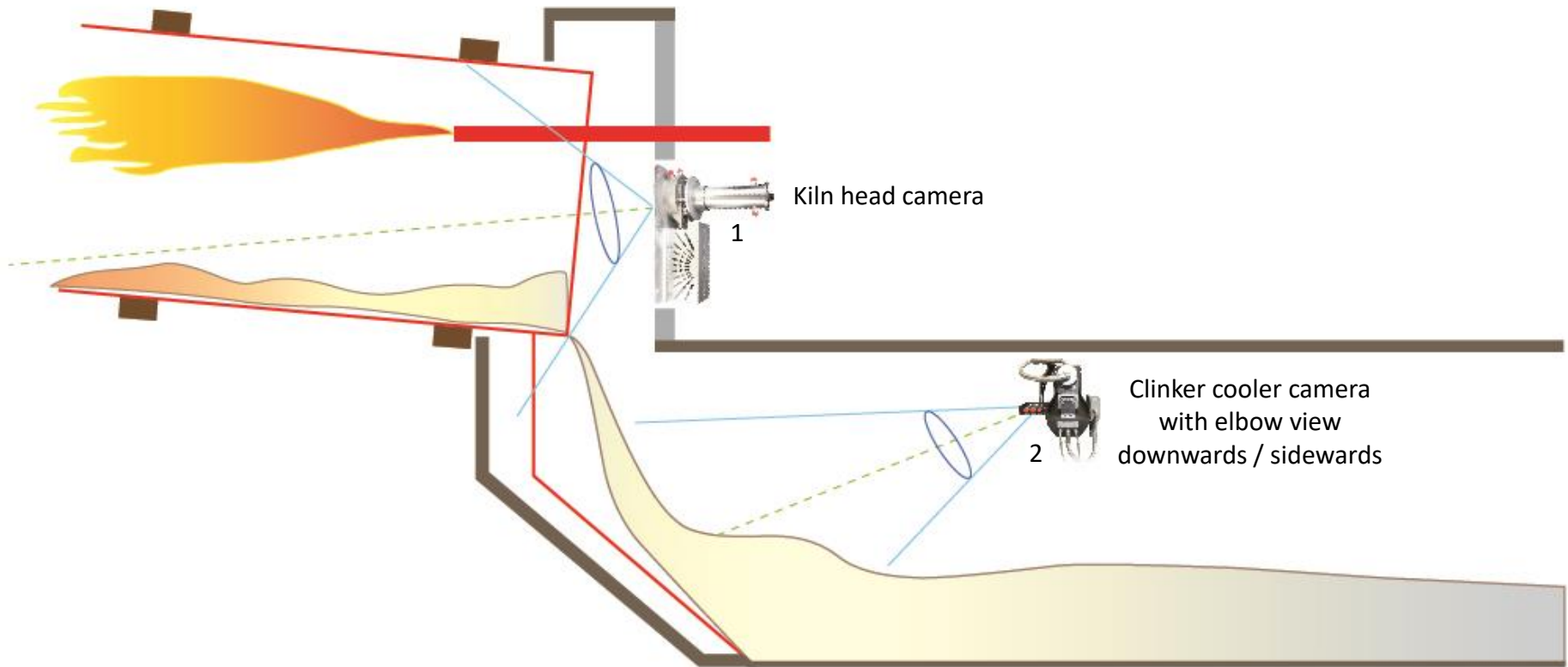
HIGH TEMPERATURE CAMERA SYSTEMS

APPLICATIONS

- Rotary Kiln view
- Clinker cooled view

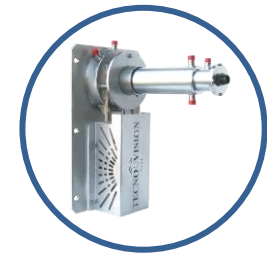
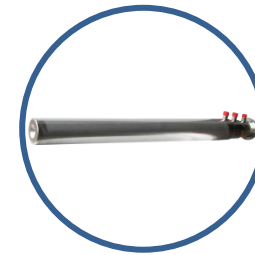
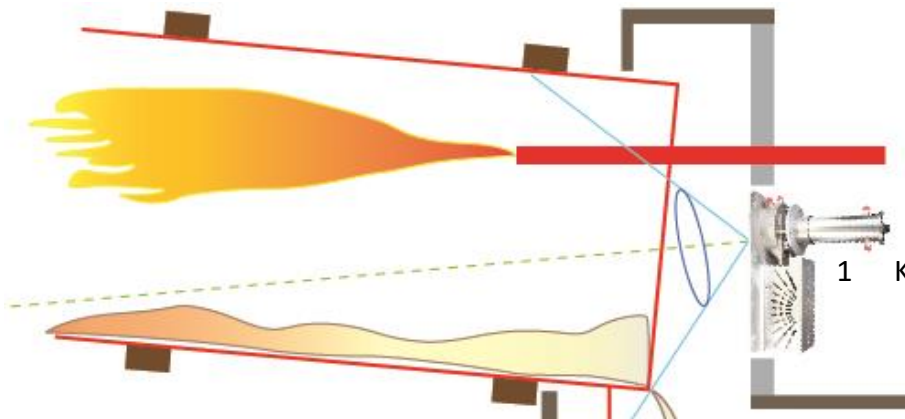
LOCATING CAMERAS IN TYPICAL CEMENT APPLICATIONS

ROTARY KILN



CLINKER COOLER

ROTARY KILN

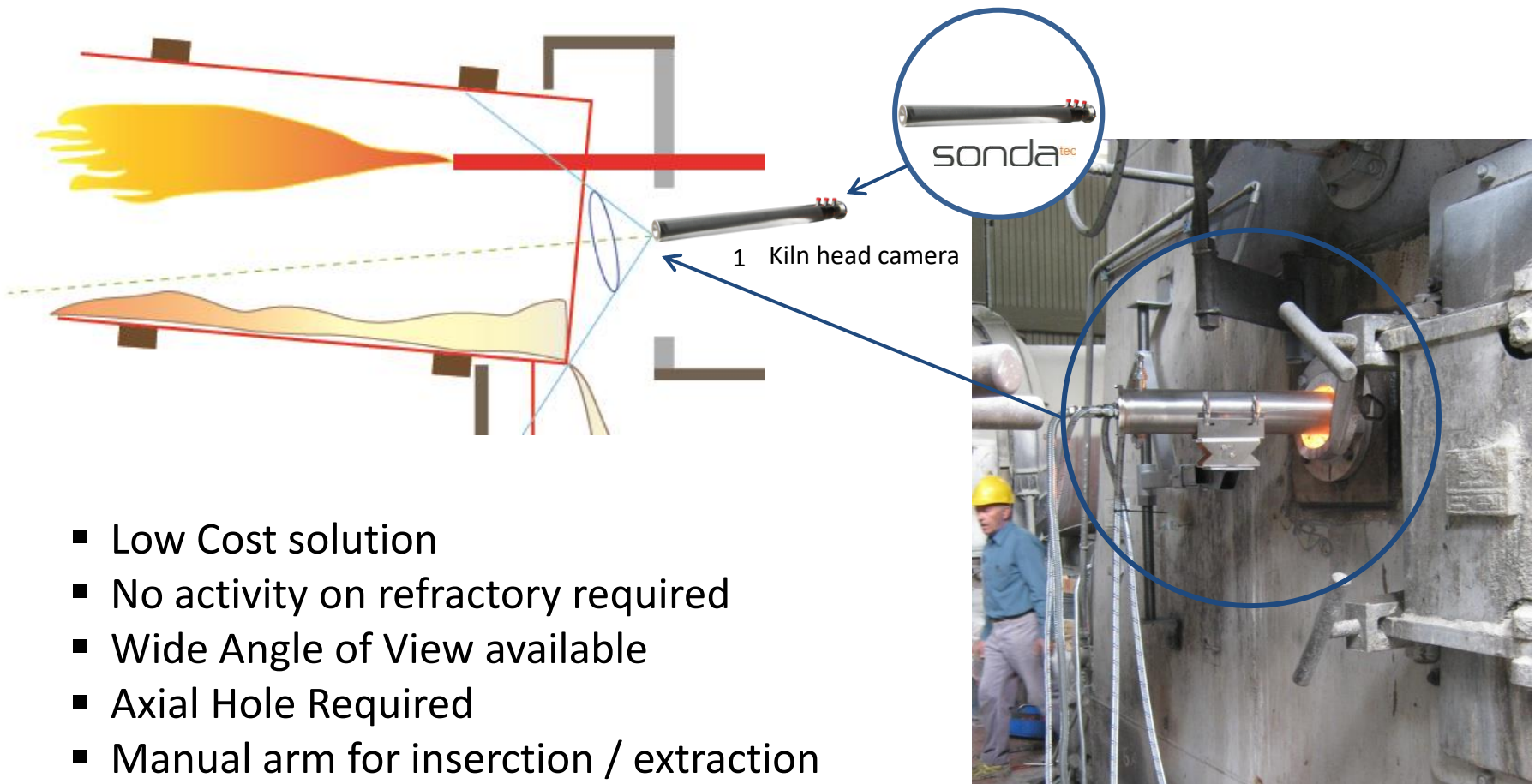


1 Kiln head camera

- Two possible installations:
 - FIXED INSIDE TYPE
 - EXTERNAL WALL MOUNTED

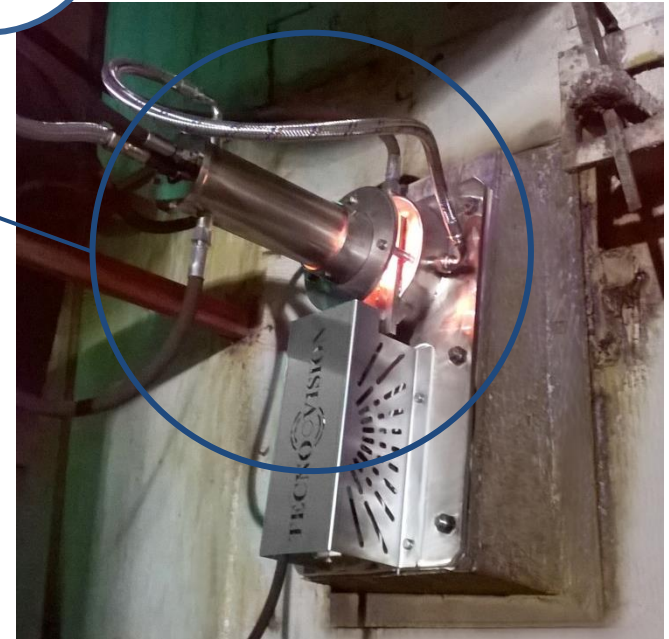
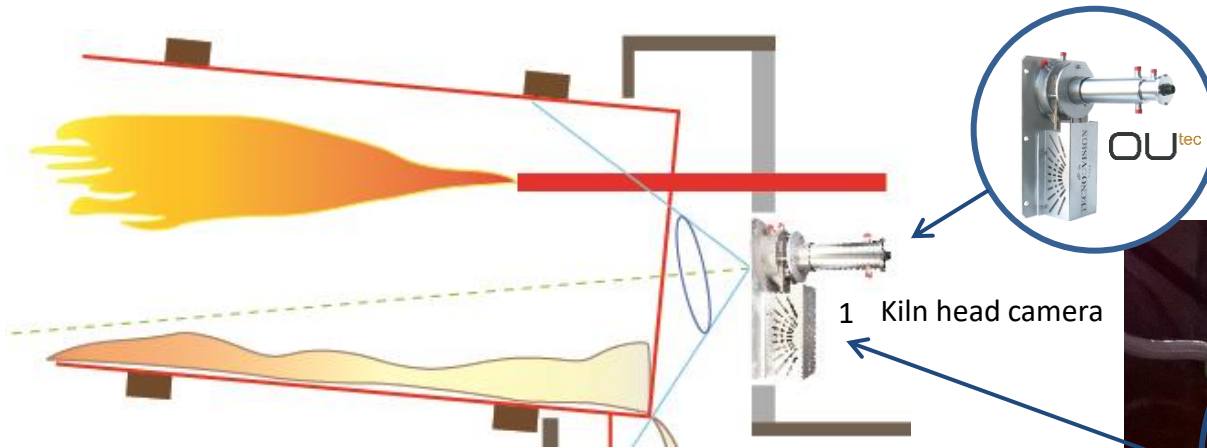


ROTARY KILN: FIXED INSIDE TYPE



- Low Cost solution
- No activity on refractory required
- Wide Angle of View available
- Axial Hole Required
- Manual arm for inserction / extraction

ROTARY KILN: EXTERNAL WALL MOUNTED SOLUTION

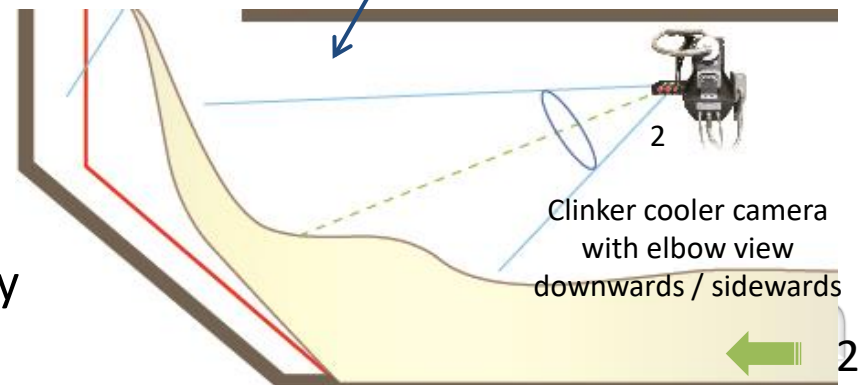
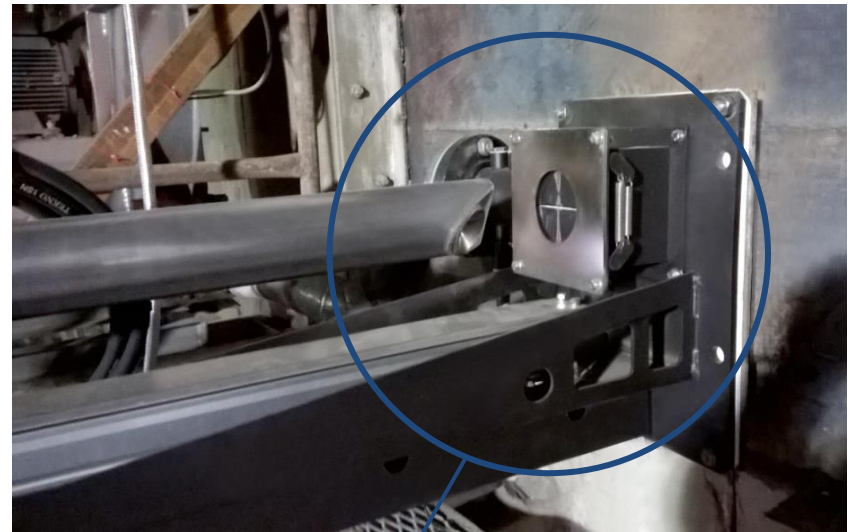


- Self-protection with security door
- It requires activity on the refractory

CLINKER COOLER



Example video with CAM21X inclined vision



- Incinated vision 120°
- Few activities on refractory required
- Wide Angle of View (85° diagonal)
- Axial Hole Required
- Self-protection with automatic trolley

INDUSTRIAL CCTV SYSTEMS

APPLICATIONS:

- Management control raw material (tapes, hoppers);
- Depots control;
- Emissions control chimney/filter;
- Truck access and charging area;
- Perimeter control;

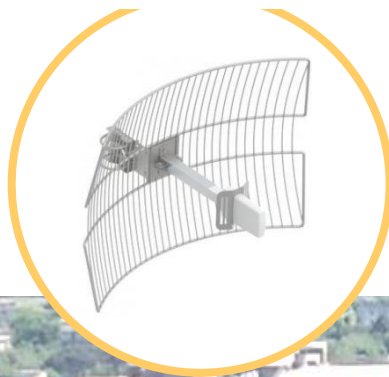
INDUSTRIAL CCTV SYSTEMS

TECHNOLOGIES & PRODUCTS

- WIDE RANGE OF CAMERAS AND ACCESSORIES (ANALOGUE, IP, FIXED OR PTZ);
- SPECIAL HOUSING FOR DUSTY ENVIRONMENT



- WIFI TRANSMISSION FOR LONG DISTANCE CONNECTION
- TRANSMISSION WITH FIBER OPTIC DEVICE



- COMPLETE SOLUTION FOR CONTROL ROOM VIDEO MANAGEMENT



INDUSTRIAL AUDIO COMMUNICATION

APPLICATIONS

- Heavy duty INTERPHONE for process area;
- PAGA – Public Address and General Alarm system for safety;
- Access and gate phone;

INDUSTRIAL AUDIO COMMUNICATION

TECHNOLOGIES & PRODUCTS

- PUBLIC ADDRESS & GENERAL ALARM (PAGA)

- INDUSTRIAL TELEPHONY & RADIO COMMUNICATION

- INDUSTRIAL INTERCOM



MAP OF OUR GLOBAL INSTALLATIONS

High temperature vision system for furnace head	Colacem S.p.A.	Italy	2024
VERNASCA (PC) - Revamping of the CCTV system	BUZZI UNICEM S.r.l.	Italy	2023
RAVENNA (RA) - CCTV system for plant control and access control	BUZZI UNICEM S.r.l.	Italy	2023
LENTELLA (CH) - High temperature camera system for kiln furnace	LATERLITE S.p.A.	Italy	2022
High temperature system with Outec for Sançim Cement Company	OPTIK SENS ÖLÇÜM VE KONTROL SİS. / Sançim	Turkey	2021
High temperature camera system for head section of kiln furnace	OPTIK SENS ÖLÇÜM VE KONTROL SİS. / Habaş Zinc Plant	Turkey	2021
REZZATO - High temperature vision system for grid control	ITALCEMENTI S.p.A.	Italy	2019
MATERA - High temperature vision system for furnace control	Italcementi S.p.A.	Italy	2018
Process CCTV system for Silo tower	Italsacci S.p.A - Divisione cemento	Italy	2018
BARLETTA (BT) - Kiln Furnace	BUZZI UNICEM S.p.A.	Italy	2018
Thermal imaging camera system for flame control	ITALCEMENTI S.p.A.	Italy	2017
REZZATO(BS) - Overview plant area CCTV system with IP solution	ITALCEMENTI S.p.A.	Italy	2016
VERNASCA - Security and track charging CCTV system	BUZZI UNICEM S.p.A.	Italy	2016
High Temperature Camera for kiln head and cooling bed	KAVÇİM ÇİMENTO	Turkey	2015
Guidonia - New gate access	Buzzi Unicem S.p.A.	Italy	2014
Travesio - Plant security system	Buzzi Unicem S.p.A.	Italy	2014
VERNASCA (PC) - Cooler bed	Buzzi Unicem S.p.A.	Italy	2014
GUIDONIA (ROMA) - Kiln Furnace	Buzzi Unicem S.p.A.	Italy	2013
LENTELLA (CH) - Kiln Furnace	Laterlite S.p.A.	Italy	2013
SCAFA (PE) - Kiln Furnace	Italcementi S.p.A.	Italy	2013
VERNASCA (PC) - Kiln Furnace	Buzzi Unicem S.p.A.	Italy	2013
BARLETTA (BT) - Cement Plant	Buzzi Unicem S.p.A.	Italy	2012
CAIRO MONTENOTTE (SV) - Cement grinding centre	Buzzi Unicem S.p.A.	Italy	2012
COLLEFERRO (ROMA) - Kiln Furnace	Italcementi S.p.A.	Italy	2012
GUARDIAREGGIA (CB) - Cooler bed	Italcementi S.p.A.	Italy	2012
SORBOLO (PR) - Cement grinding centre	Buzzi Unicem S.p.A.	Italy	2012
GUIDONIA (ROMA) - CCTV Process control with WIFI transmission	Buzzi Unicem S.p.A.	Italy	2011

From Istanbul to Mexico and India to Egypt you can find Telea-Tecnovision's systems installed.

MAP OF OUR GLOBAL INSTALLATIONS

VERNASCA (PC) - CCTV Process control with F.O. transmission	Buzzi Unicem S.p.A.	Italy	2011
PONTE DELLE APLI (BL) - Cooler bed	Buzzi Unicem S.p.A.	Italy	2009
LIVORNO - Port terminal and Cement grinding centre	Gruppo EIL S.r.l. / Sacci S.p.A.	Italy	2008
VASSILIKO - Kiln Furnace	Vassiliko Cement Ltd.	Cyprus	2006
MERONE (CO) - Kiln Furnace	Holcim S.p.A.	Italy	2005
TARANTO - Cooler bed	Cementir S.p.A.	Italy	2005
BRONI (PV) - Cooler bed	Italcementi S.p.A.	Italy	2003
MERONE (CO) - Kiln Furnace	Holcim S.p.A.	Italy	2002
MERONE (CO) - Kiln Furnace	Holcim S.p.A.	Italy	2002
REZZATO(BS) - Kiln Furnace	Italcementi S.p.A.	Italy	2000
AUGUSTA (SR) - Kiln Furnace	Buzzi Unicem S.p.A.	Italy	1999
SINISCOLA (SS) - Kiln Furnace	Buzzi Unicem S.p.A.	Italy	1998
BARILE (PZ) - Kiln Furnace	Cementeria Costantinopoli S.r.l.	Italy	1998

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