Traffic Light Control with Infrared - The Evaluation of a very special Automation project

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A traffic light for ships ensures a smooth traffic flow near a bottleneck at the Danube River. Since some years the shipping traffic light is controlled by an IR Camera. The presentation outlines the evolution of this unique automation project, highlights some particular problems and their technical solutions.

About the author

Dr. Bernd Schönbach received a university diploma in Applied Physics from Johann-Wolfgang-Goethe-University in Frankfurt. For more than 20 years he worked in various application fields of IR Thermography like R&D, Condition Monitoring, Surveillance, Non-Destructive Testing, Automation etc. He's giving IR training courses since 1994 not just in his native German language in Germany, Switzerland and Austria, but also performing International courses in English language mainly in South-East Asia. Since January 2002 he's running his own consulting company offering IR Training and IR Inspections/Measurements with the focus on R&D applications. In cooperation with German Universities he developed IR Certification courses (Level I, II and III) according to the European Standard EN 473 and is a member of a working group in the German Standardization Organization DIN concerning IR Thermography.