



LIVE VIDEO ENHANCEMENT

- Stabilisation
- Atmospheric Interference Reduction
 - Heat Haze
 - Fog
 - Rain
 - Snow
- Quality Improvement
- MJPEG Encoding

Cameras

Visible (Color, B/W)
Infra-Red, Thermal
Long Range

Security

Robot inspection
UAV surveillance
Spy cameras
Night vision

Embedded Video

Vehicle observation
UAV observation
Video on helmet

Video Surveillance

Camera on mast
PTZ cameras
Indoor
Outdoor
Long Distance Observation

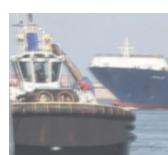


Long Range Observation

COMFORTABLE
OBSERVATION

HIGH QUALITY
RENDERING

Long Range Surveillance



Analog →



IP →



TECHNICAL DETAILS

INPUT VIDEO

Analog : PAL 720x576 50 Hz

OUTPUT

Analog : PAL 720x576 50 Hz

Digital : MJPEG Encoding

CHARACTERISTICS

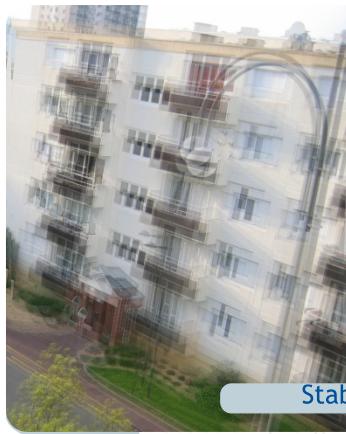
Input Voltage : 12 V DC

Power Consumption : 5W (Stabilisation)

Mechanical size : 120 x 34 x 120 mm

Ethernet : 1Gb/s

Serial Link : RS232



Stabilisation



STABILISATION

Correction : Translation X/Y and Rotation

Settings : Zoom / No black Border

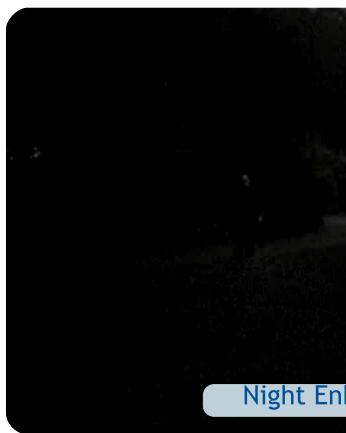
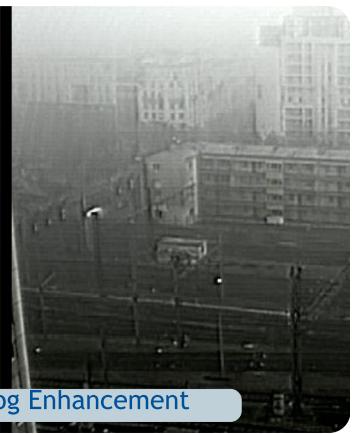
Latency : 40ms

Unlimited Frequency Correction

Full resolution / Real Time



Snow, Rain, Fog Enhancement



Night Enhancement



HIGH PERFORMANCE VIDEO ENHANCEMENT

PixBOX is a real time quality enhancement device that allows many corrections : stabilisation, atmospheric perturbation reduction, denoising, brightness/contrast adjustment, edge sharpening and JPEG encoding. It is perfect for long range observation where vibrations, thermal effect on atmosphere and mist can affect video.



ADVANCED REAL-TIME PROCESSING

PixBOX takes benefits from high precision proprietary algorithms to provide accuracy and performance in image enhancement. Its fast processing at full frame rate makes it a powerful field-proven solution.



INTEGRATED SOLUTION

Thanks to its small size and its high value processing PixBOX improves quality of most security video chains.

PixBOX



**Advanced
Video
Processing**