

CCTV camera



Raw video

Hauppauge  
PVR/ivtv

Video stream

Frame Grabber

Raw frames

Video Capture

Images

ffmpeg

Mpeg stream

File System

Images

Pre-Processing

List of human  
blobs

Multiple Human  
Tracking

List of  
tracks

Discrete symbol  
sequences

Human Behavior Pattern  
Bootstrapping

Set of common  
behaviors

Set of common  
behaviors

Human Behavior  
Modeling and Anomaly  
Detection

Analysis information

Database

S  
E  
C  
U  
R  
I  
T  
Y  
  
M  
O  
N  
I  
T  
O  
R

