

#BCX17

CONNECTED BUILDING & CITY

Bosch surveillance cameras

Bosch surveillance cameras on #BCX17

Information for Hackers

Which (telemetry) data is available?

- ▶ *Optical sensor*
- ▶ *Audio sensor*
- ▶ *Events*

How to access data?

- ▶ *Webbrowser (recommended IE with ActiveX enabled)*
- ▶ *BoschVideoSDK*
- ▶ *RTSP client (e.g. VLC player)*

How to interact with the device or the system?

- ▶ *Get Videostream (RTSP, RTP)*
- ▶ *Interfaces HTTP / RCPP / CGI / ONVIF*
- ▶ *Set up IVA tasks (ActiveX)*
- ▶ *Get autonomous triggered alarms / events*
- ▶ *Alarm email / messages*

Anything else that is important for the hackers?

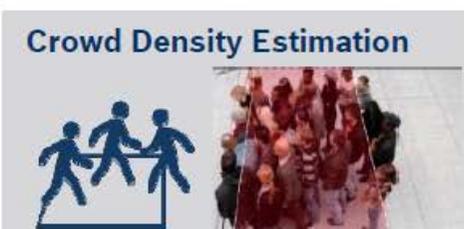
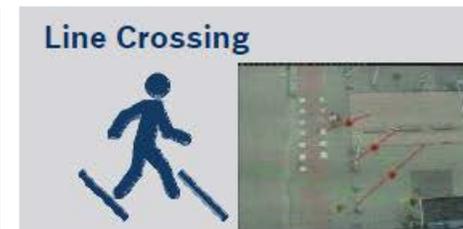
- ▶ *MicrosoftCognitiveServiceExample (C# example for connection to the camera and analyze data via MS Cognitive Services)*
- ▶ *Alarm task script example (own Bosch script language)*
- ▶ *RCP+ and VideoSDK documentation will be provided*
- ▶ *CognitiveServiceExample (Java example [in Arbeit])*

What events are available?

- ▶ *Generally all alarm tasks / rules which can triggered with the camera (see next slide)*

Bosch IVA

16 IVA Rules



YOUR CONTACT

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