Project Report

For

Hitachi

Revision: 1.0

Generated By

Hitachi Design Simulator Platform & Services

Revision	Change Details	Date
1.0		Jul 25 2017

References:

1.https://ec.europa.eu/home-affairs/sites/homeaffairs/files/e-library/documents/policies/security/
pdf/secerca_final_report_volume__1_main_report_en.pdf

Table of Contents

1.Project Scope:

This is an automated report generated for project using Hitachi Design Simulator Platform & Services. The report includes the scene where the camera is placed and details about the coverage of the selected camera.

Fig.Project Overview

2. Project Scenes Layouts

2.1 Scene [A]

Camera 1

Camera FOV	20.00 deg
Distance	4.2 ft
Camera tilt	(-180.00, 10.24, -180.00) deg
Camera focus	10.0 mm
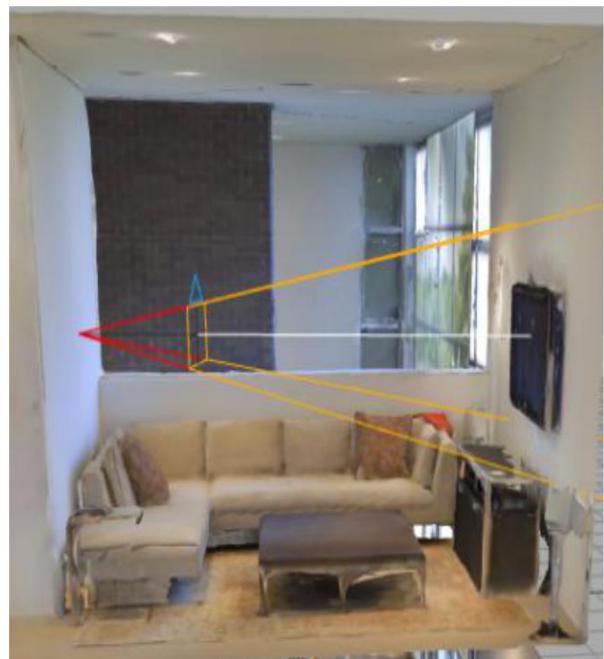
Fig. Camera 1 position

Fig. Camera 1 Simulation

2.2 Scene [B]

Camera 2

| Camera FOV	20.0 deg
Distance	5.8 ft
Camera tilt	(-91.57, -45.03, -88.16) deg
Camera focus	10.0 mm
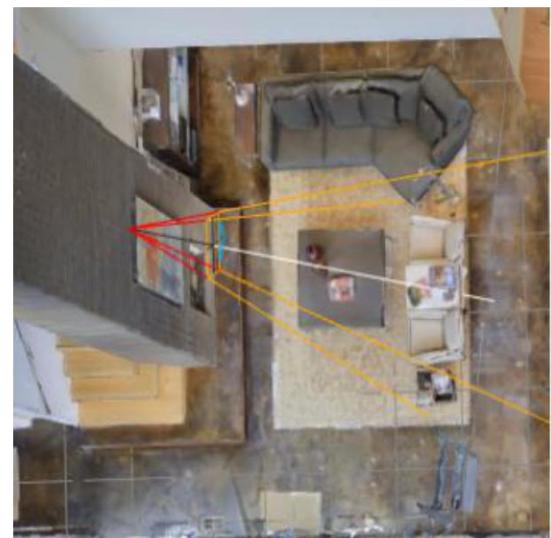
Fig. Camera 2 position

Fig. Camera 2 Simulation

3. Field of View (FOV) Coverage Area Estimation

Scene ID	Cam ID	Max. FOV Angle	Lens Focal	Est. distance from target	Est. Coverage(%)
1	1	20x20	10 mm	4.2 ft	12.5%
2	2	20x20	10 mm	5.8 ft	18.2%

Fig. Est. Coverage Area of Project Site

4. Project Selected Hardware

Category (Security Cameras)	Brand/Model	QTY	Est. Unit Cost	Additional Info
IP Camera	Add Camera	2	$500	ONVIF, PoE, 3yr Warranty
	Total	2	$1000	

Fig. Hardware List of Project Site

5. Project Resource Requirements

Cam ID	Resolution	Codec	FPS	Days	Activity	Rec. Profile	B/W (Mbps)	Storage(GB)
1	1920x1080	H.264	30	30	Med. Indoor	Cont. 24H	23.73	7508.32
2	1920x1080	H.264	30	30	Med. Indoor	Cont. 24H	23.73	7508.32
						Total	47.46	15016.64

Fig. Bandwidth and Storage Resource Requirements of Project Site

6. Project Compliance Assessment