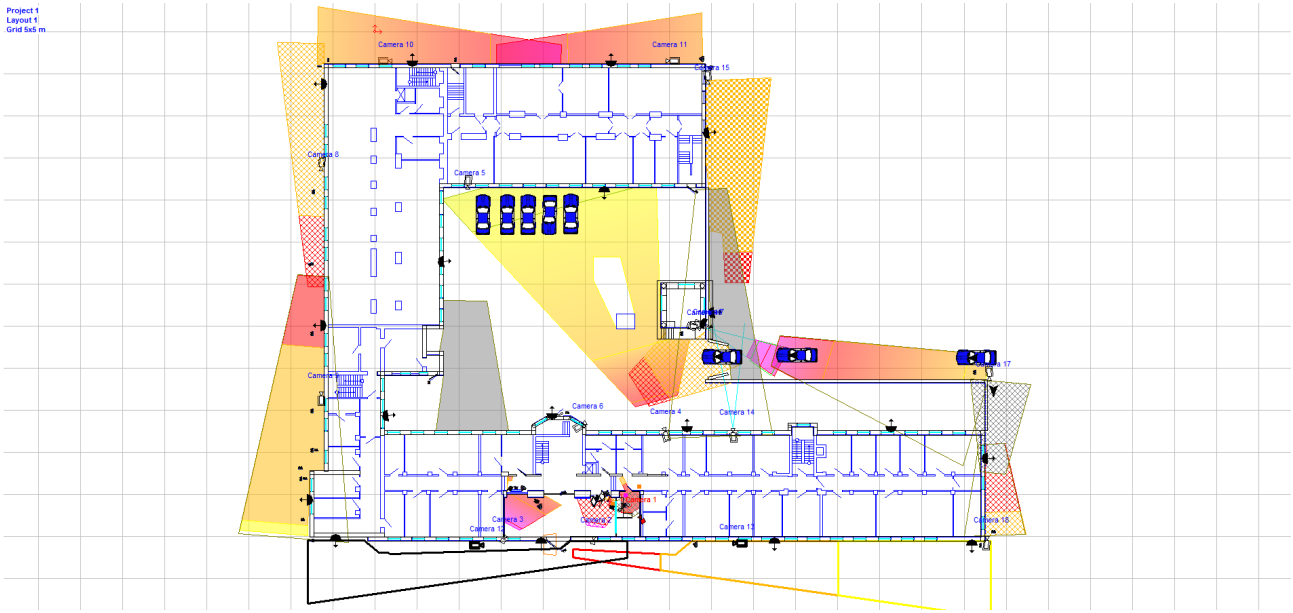
CCTV project

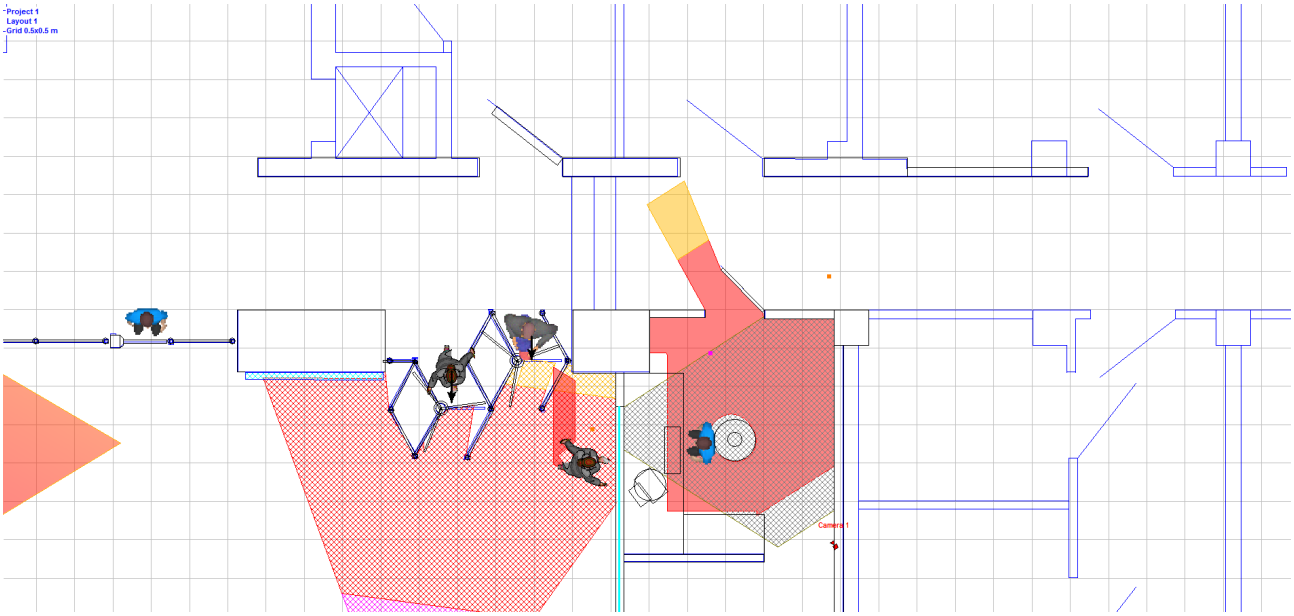
created by VideoCAD

http://cctvcad.com

1 Layout: Layout 1



1.1 Camera 1.



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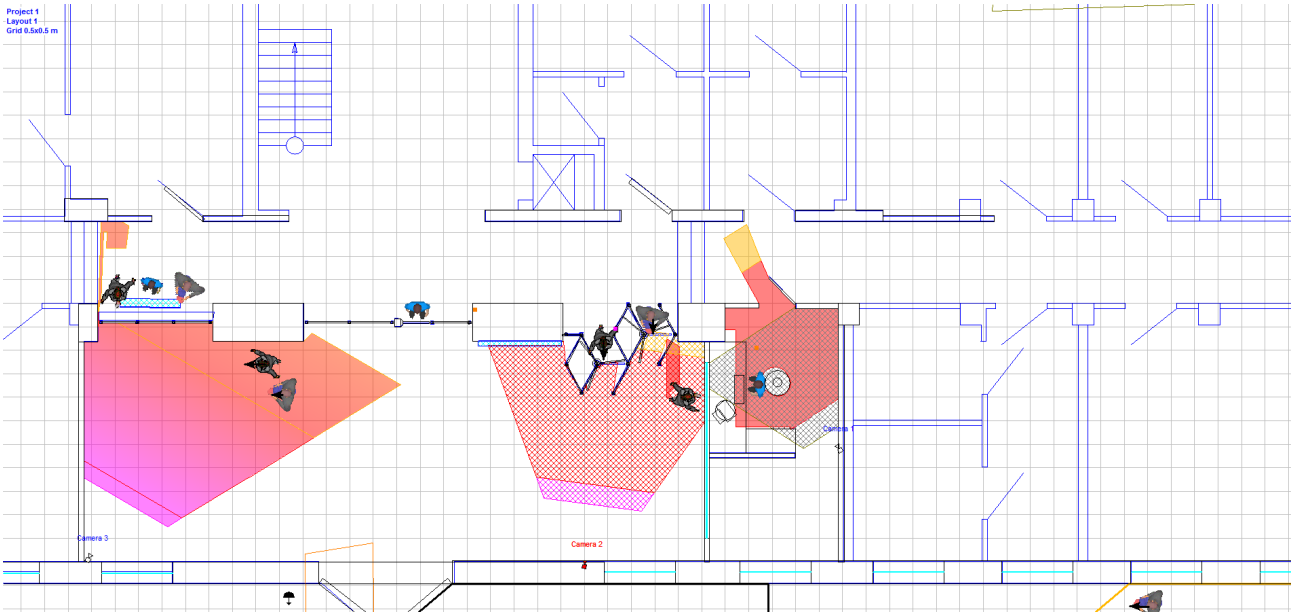
1.1.1 Model: KPC-S230C
1.1.2 Producer: KT&C
1.1.3 Cost: 0.00p.
1.1.4 Image sensor format=1/3".
1.1.5 Lens focal length=3,6mm.
1.1.5.1 horizontal view angle=67.4°.
1.1.5.2 vertical view angle=53.1°.
1.1.6 Number of pixels: 500*582.
1.1.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.1.8 Camera tilt angle=45.5°.
1.1.9 Installation height=3 m.
1.1.10 Base height=0 m.
1.1.11 Axial rotation angle =0 °.

1.2 Camera 2.



1.2.1 Model: KPC-S230C
1.2.2 Producer: KT&C
1.2.3 Cost: 0.00p.
1.2.4 Image sensor format=1/3".
1.2.5 Lens focal length=3,6mm.
1.2.5.1 horizontal view angle=67.4°.
1.2.5.2 vertical view angle=53.1°.

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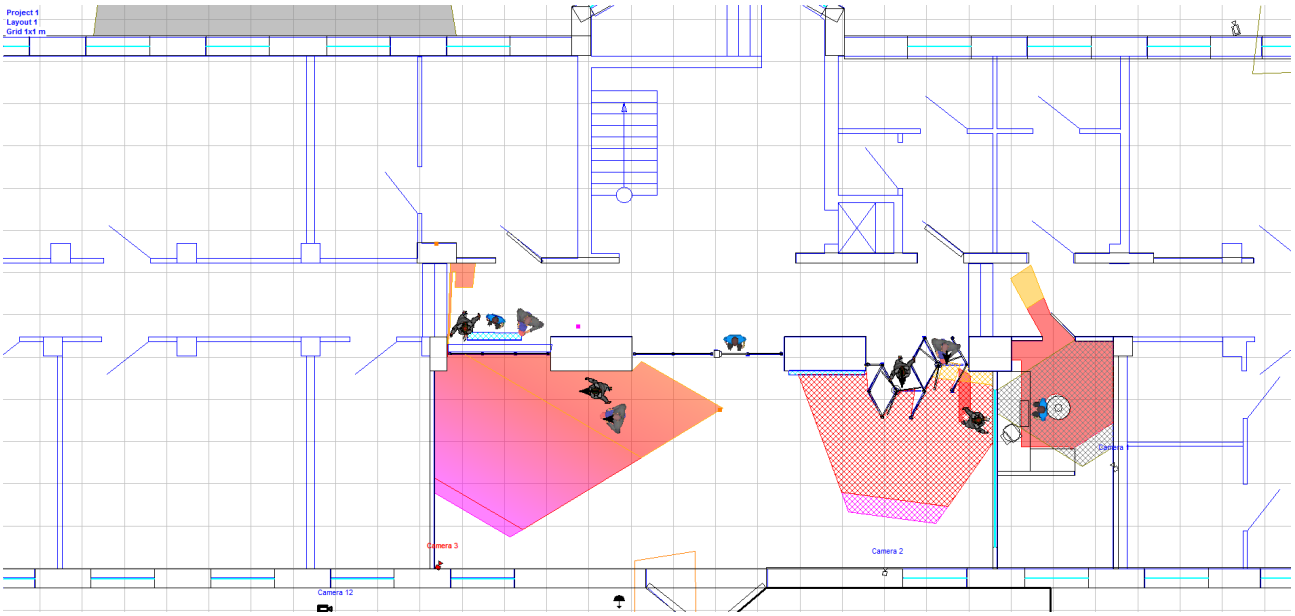
1.2.6 Number of pixels: 500*582.
1.2.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.2.8 Camera tilt angle=37.9°.
1.2.9 Installation height=3 m.
1.2.10 Base height=0 m.
1.2.11 Axial rotation angle =0 °.

1.3 Camera 3.



1.3.1 Model: KPC-S230C
1.3.2 Producer: KT&C
1.3.3 Cost: 0.00p.
1.3.4 Image sensor format=1/3".
1.3.5 Lens focal length=3,6mm.
1.3.5.1 horizontal view angle=67.4°.
1.3.5.2 vertical view angle=53.1°.
1.3.6 Number of pixels: 500*582.
1.3.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.3.8 Camera tilt angle=35.4°.
1.3.9 Installation height=3 m.
1.3.10 Base height=0 m.
1.3.11 Axial rotation angle =0 °.

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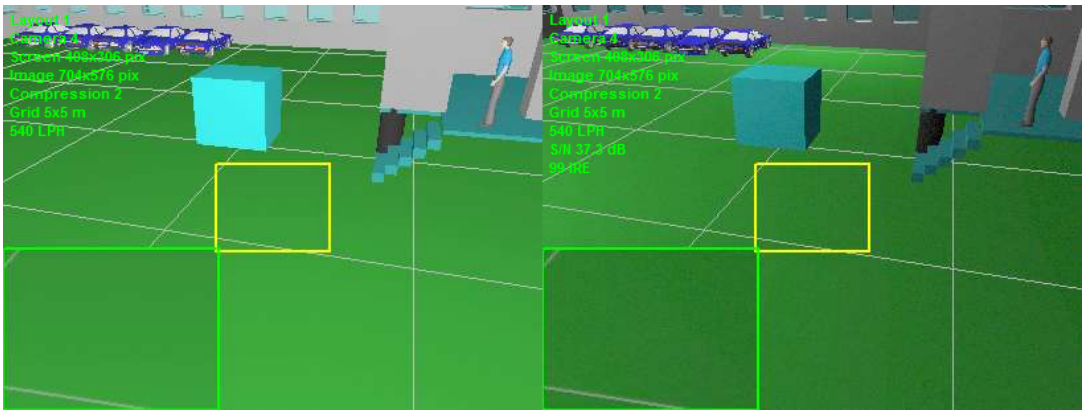
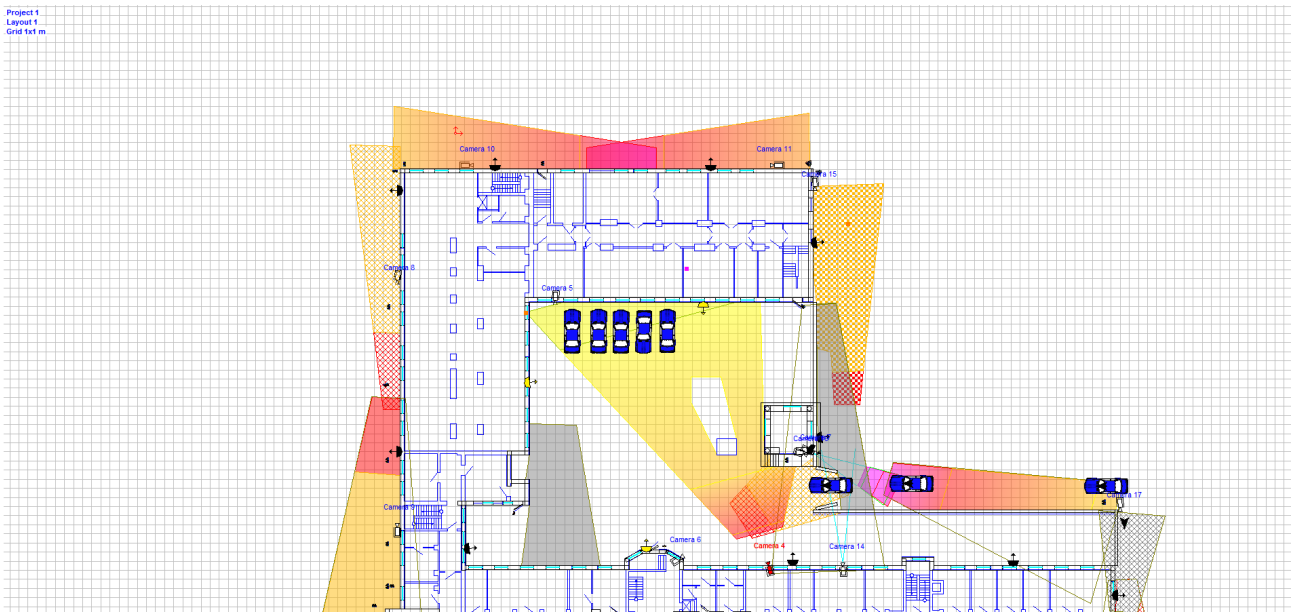
1.4 Camera 4.





1.4.1 Model: TK-C925E-4mm
1.4.2 Producer: JVC
1.4.3 Cost: 0.00p.
1.4.4 Image sensor format=1/3".
1.4.5 Lens focal length=4mm.
1.4.5.1 horizontal view angle=61.9°.
1.4.5.2 vertical view angle=48.5°.
1.4.6 Number of pixels: 752*582.
1.4.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.4.8 Camera tilt angle=29.4°.
1.4.9 Installation height=5 m.
1.4.10 Base height=0 m.
1.4.11 Axial rotation angle =0 °.

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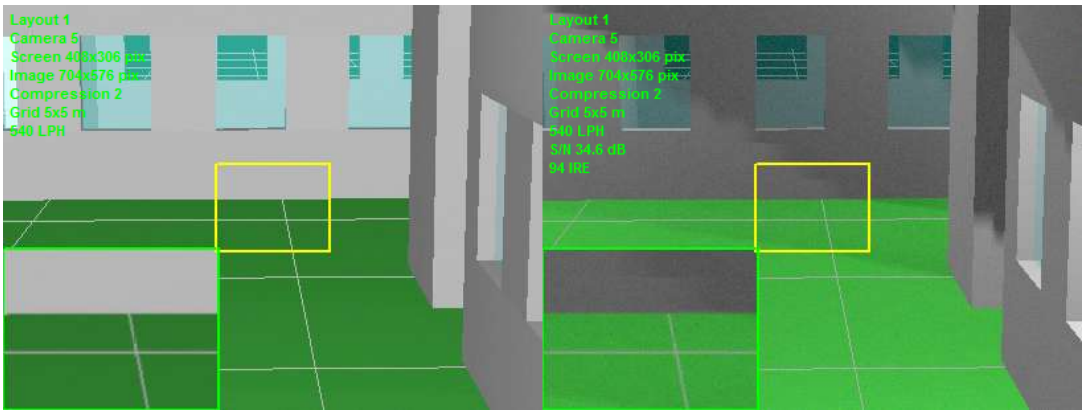
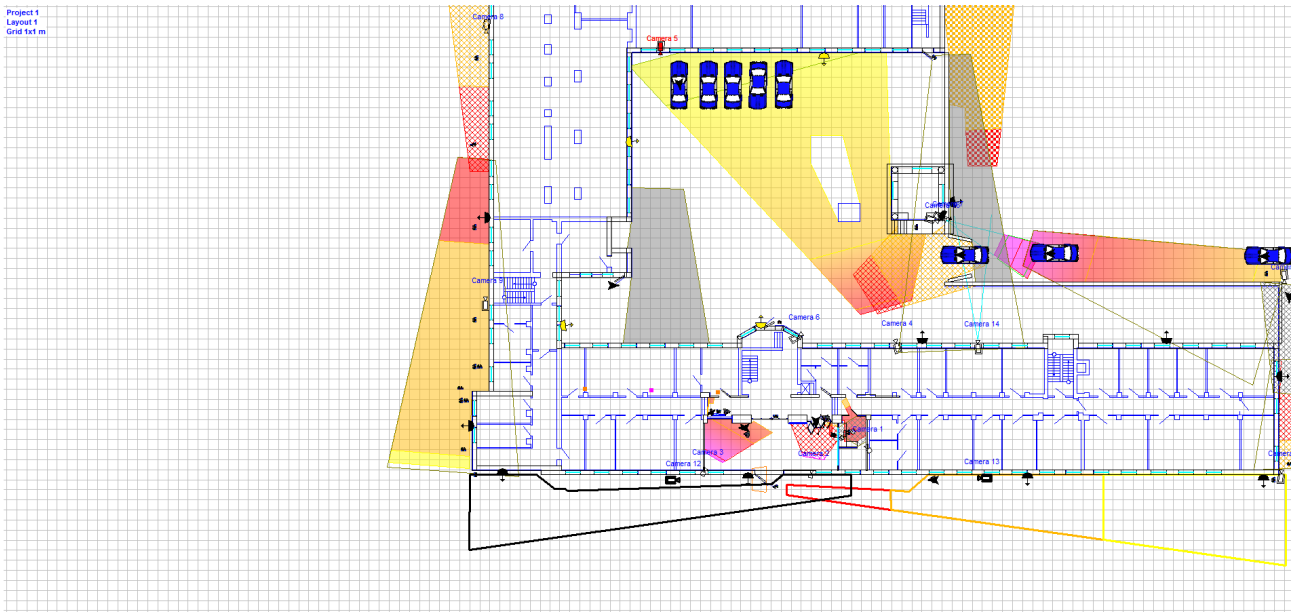
1.5 Camera 5.





1.5.1 Model: TK-C925E-12mm
1.5.2 Producer: JVC
1.5.3 Cost: 0.00p.
1.5.4 Image sensor format=1/3".
1.5.5 Lens focal length=12mm.
1.5.5.1 horizontal view angle=22.6°.
1.5.5.2 vertical view angle=17.1°.
1.5.6 Number of pixels: 752*582.
1.5.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.5.8 Camera tilt angle=10.2°.
1.5.9 Installation height=5 m.
1.5.10 Base height=0 m.
1.5.11 Axial rotation angle =0 °.

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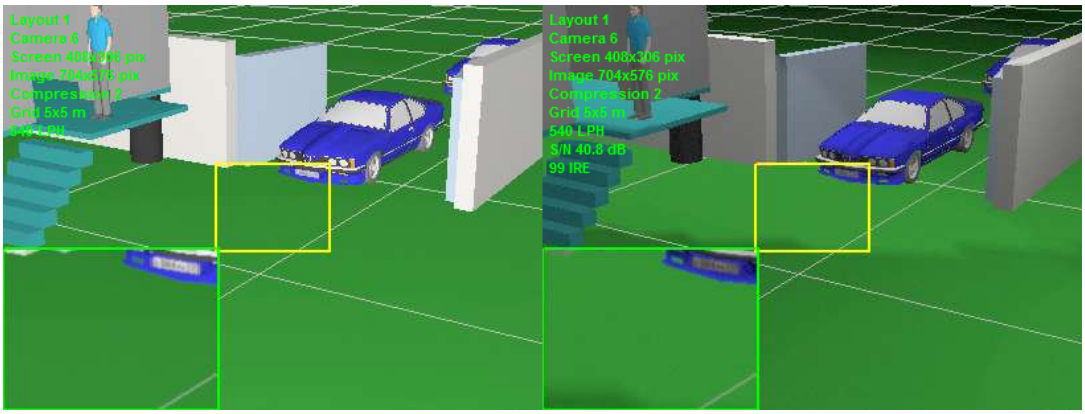
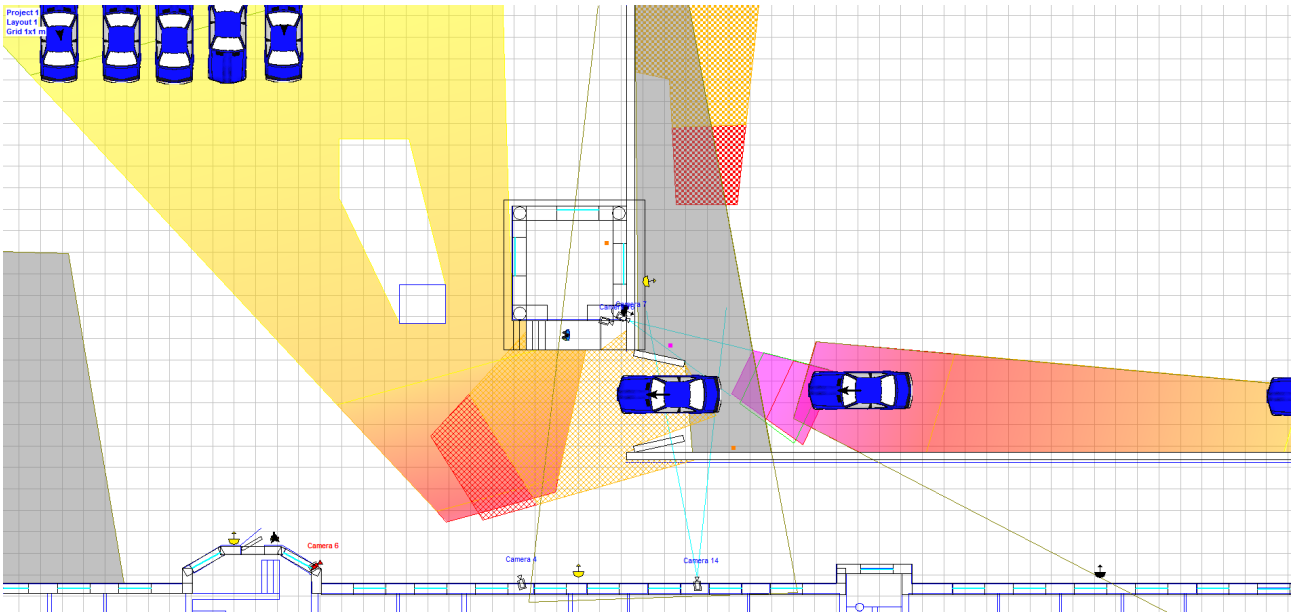
1.6 Camera 6.





1.6.1 Model: TK-C925E -8mm
1.6.2 Producer: JVC
1.6.3 Cost: 0.00p.
1.6.4 Image sensor format=1/3".
1.6.5 Lens focal length=8mm.
1.6.5.1 horizontal view angle=33.4°.
1.6.5.2 vertical view angle=25.4°.
1.6.6 Number of pixels: 752*582.
1.6.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.6.8 Camera tilt angle=18.7°.
1.6.9 Installation height=5 m.
1.6.10 Base height=0 m.
1.6.11 Axial rotation angle =0 °.

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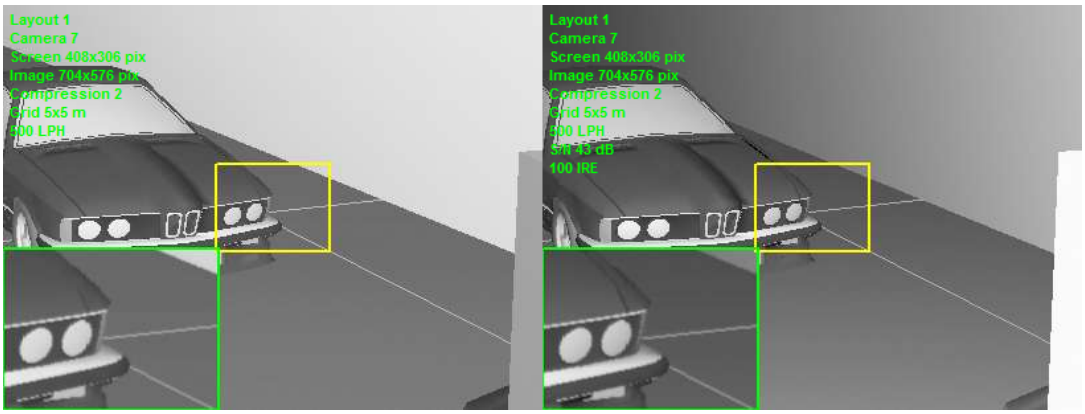
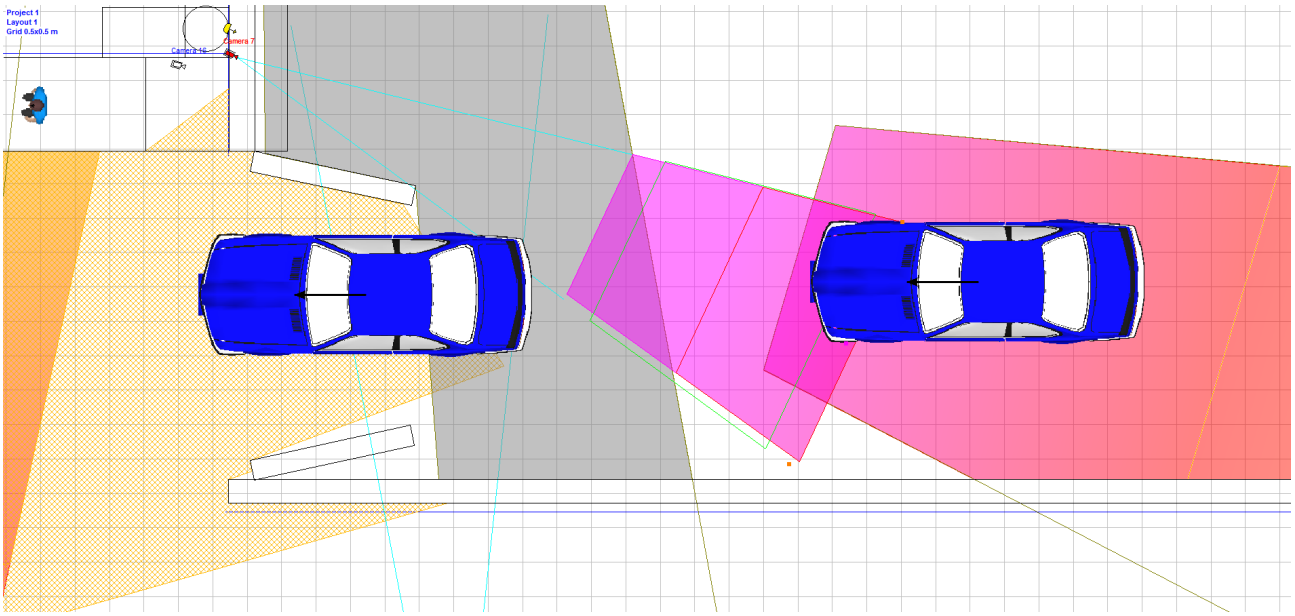
1.7 Camera 7.





1.7.1 Model: WAT-137HL
1.7.2 Producer: Watec Co., Ltd
1.7.3 Cost: 0.00p.
1.7.4 Image sensor format=1/3".
1.7.5 Lens focal length=12mm.
1.7.5.1 horizontal view angle=22.6°.
1.7.5.2 vertical view angle=17.1°.
1.7.6 Number of pixels: 752*582.
1.7.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.7.8 Camera tilt angle=13.2°.
1.7.9 Installation height=2,8 m.
1.7.10 Base height=0 m.
1.7.11 Axial rotation angle =0 °.

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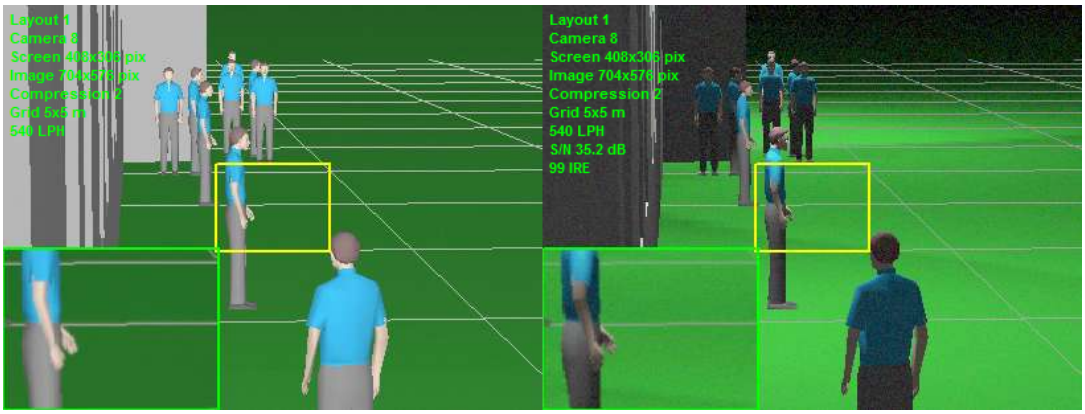
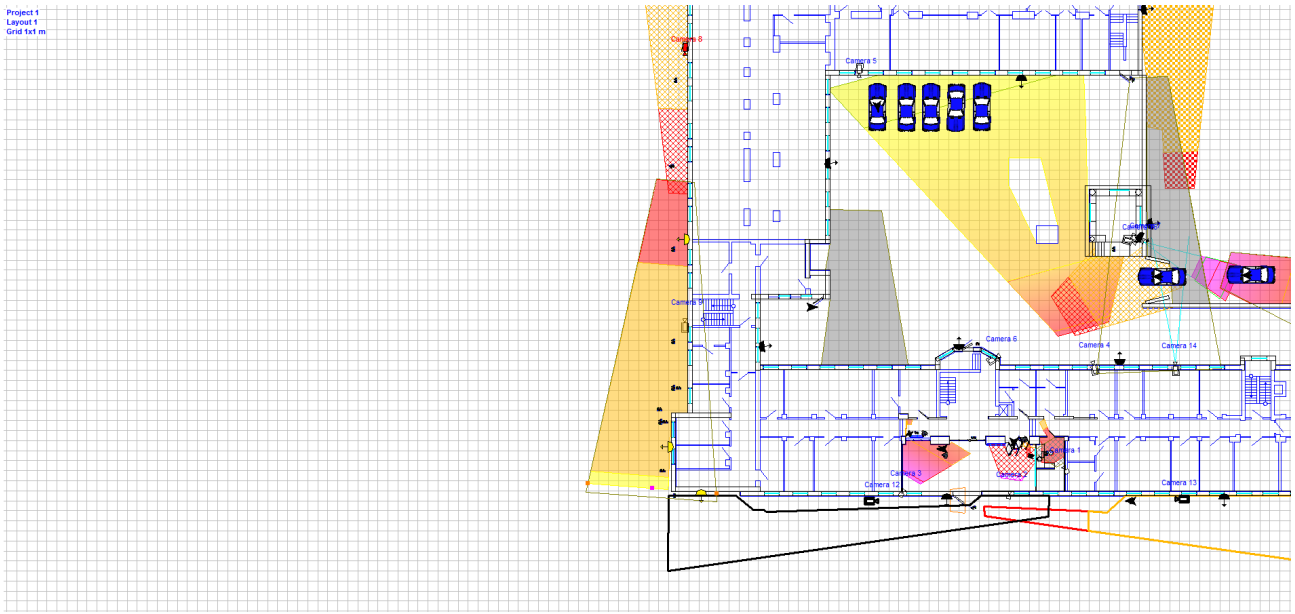
1.8 Camera 8.





1.8.1 Model: TK-C925E-16mm
1.8.2 Producer: JVC
1.8.3 Cost: 0.00p.
1.8.4 Image sensor format=1/3".
1.8.5 Lens focal length=16mm.
1.8.5.1 horizontal view angle=17.1°.
1.8.5.2 vertical view angle=12.8°.
1.8.6 Number of pixels: 752*582.
1.8.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.8.8 Camera tilt angle=7.08°.
1.8.9 Installation height=3.5 m.
1.8.10 Base height=0 m.
1.8.11 Axial rotation angle =0 °.

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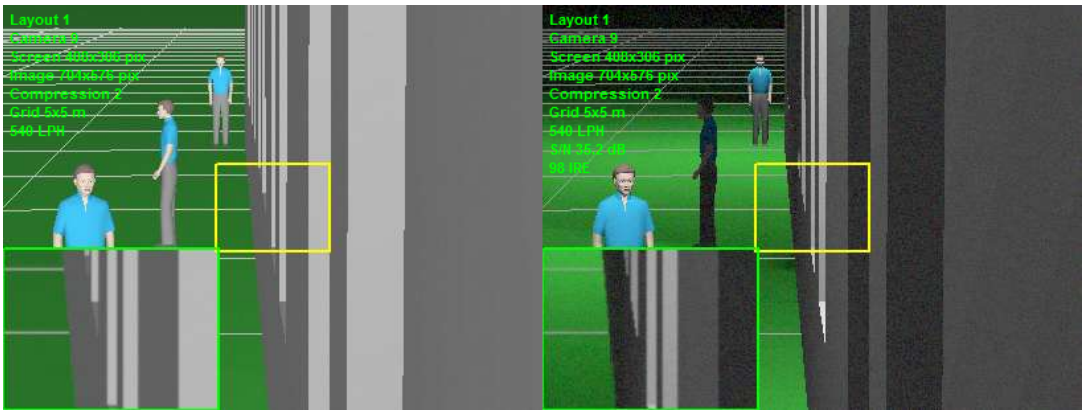
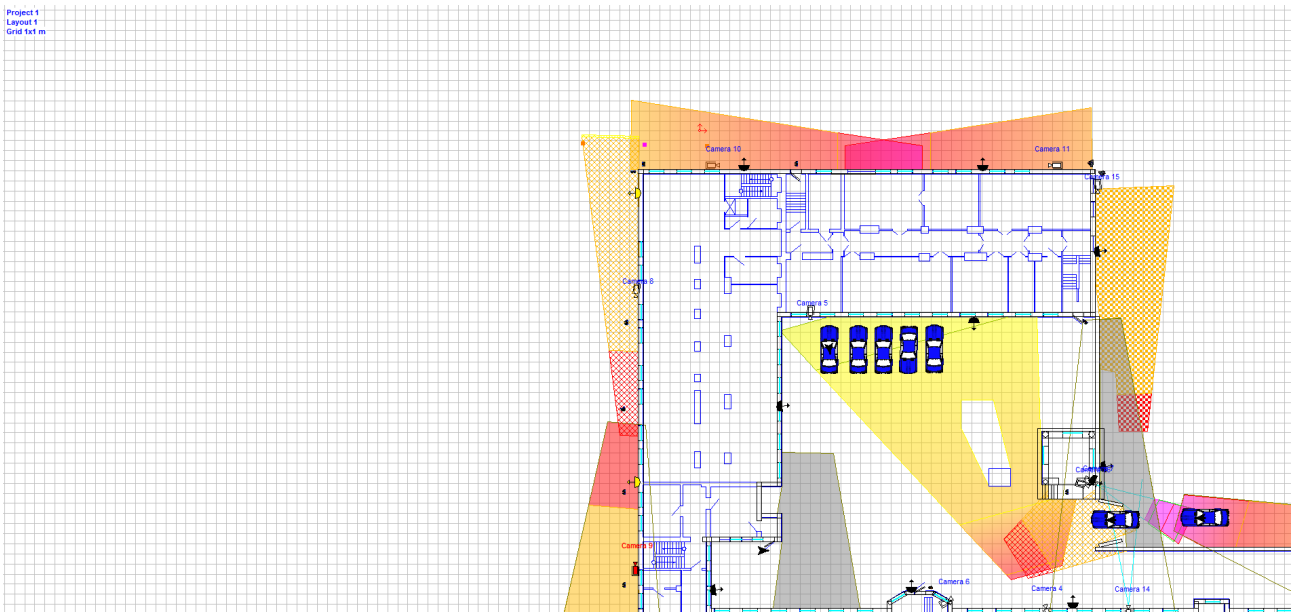
1.9 Camera 9.





1.9.1 Model: TK-C925E-16mm
1.9.2 Producer: JVC
1.9.3 Cost: 0.00p.
1.9.4 Image sensor format=1/3".
1.9.5 Lens focal length=16mm.
1.9.5.1 horizontal view angle=17.1°.
1.9.5.2 vertical view angle=12.8°.
1.9.6 Number of pixels: 752*582.
1.9.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.9.8 Camera tilt angle=7.11°.
1.9.9 Installation height=3,5 m.
1.9.10 Base height=0 m.
1.9.11 Axial rotation angle =0 °.

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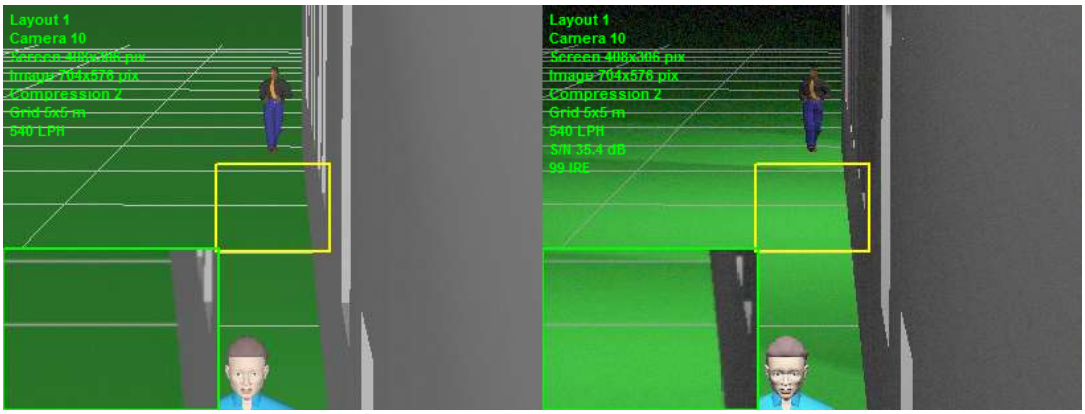
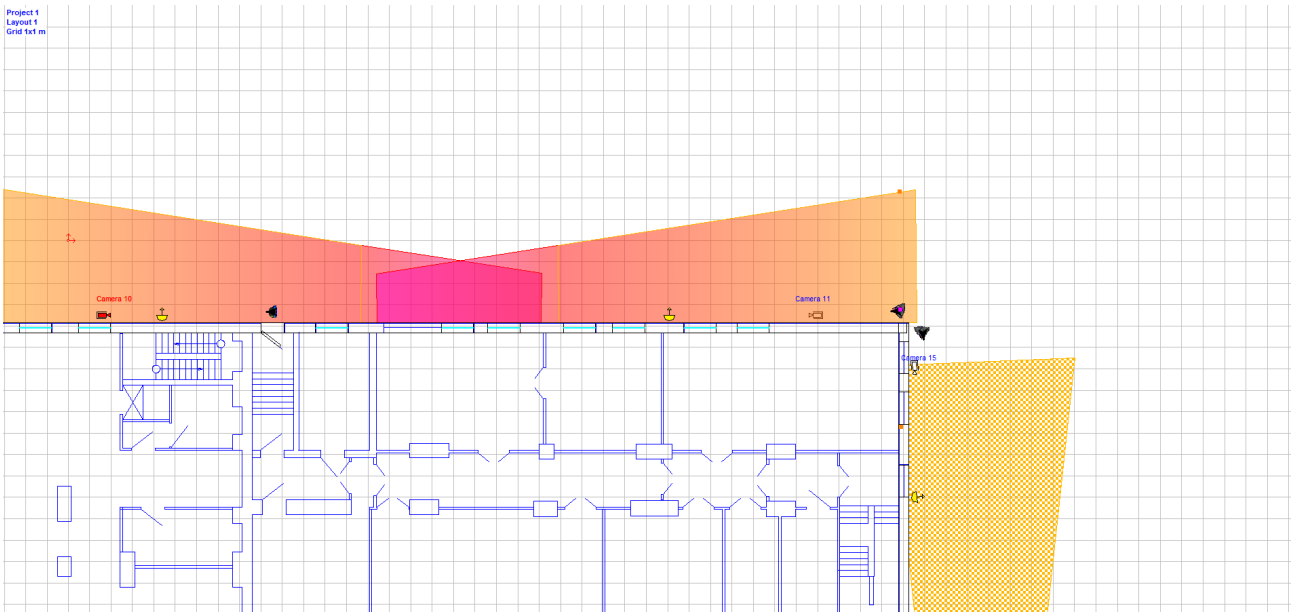
1.10 Camera 10.





1.10.1 Model: TK-C925E-16mm
1.10.2 Producer: JVC
1.10.3 Cost: 0.00p.
1.10.4 Image sensor format=1/3".
1.10.5 Lens focal length=16mm.
1.10.5.1 horizontal view angle=17.1°.
1.10.5.2 vertical view angle=12.8°.
1.10.6 Number of pixels: 752*582.
1.10.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.10.8 Camera tilt angle=7.19°.
1.10.9 Installation height=3.5 m.
1.10.10 Base height=0 m.
1.10.11 Axial rotation angle =0 °.

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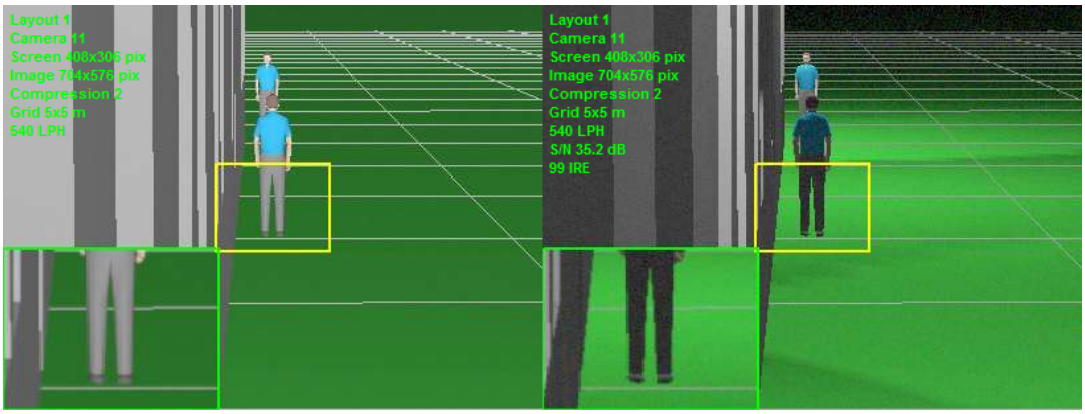
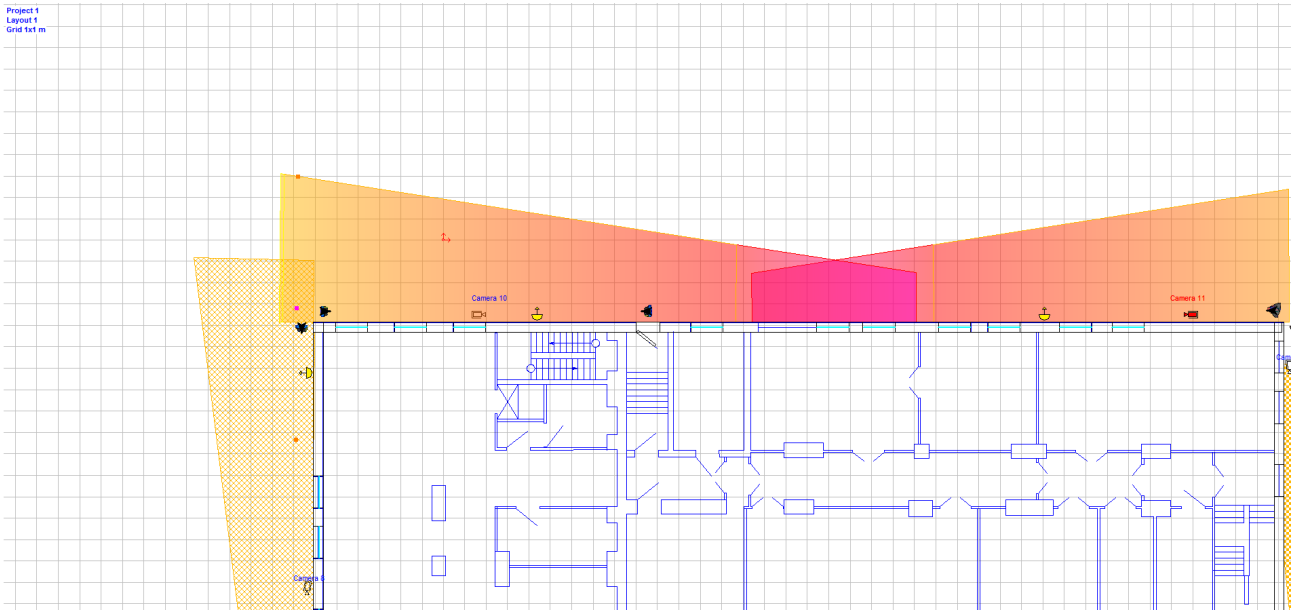
1.11 Camera 11.





1.11.1 Model: TK-C925E-16mm
1.11.2 Producer: JVC
1.11.3 Cost: 0.00p.
1.11.4 Image sensor format=1/3".
1.11.5 Lens focal length=16mm.
1.11.5.1 horizontal view angle=17.1°.
1.11.5.2 vertical view angle=12.8°.
1.11.6 Number of pixels: 752*582.
1.11.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.11.8 Camera tilt angle=7.11°.
1.11.9 Installation height=3.5 m.
1.11.10 Base height=0 m.
1.11.11 Axial rotation angle =0 °.

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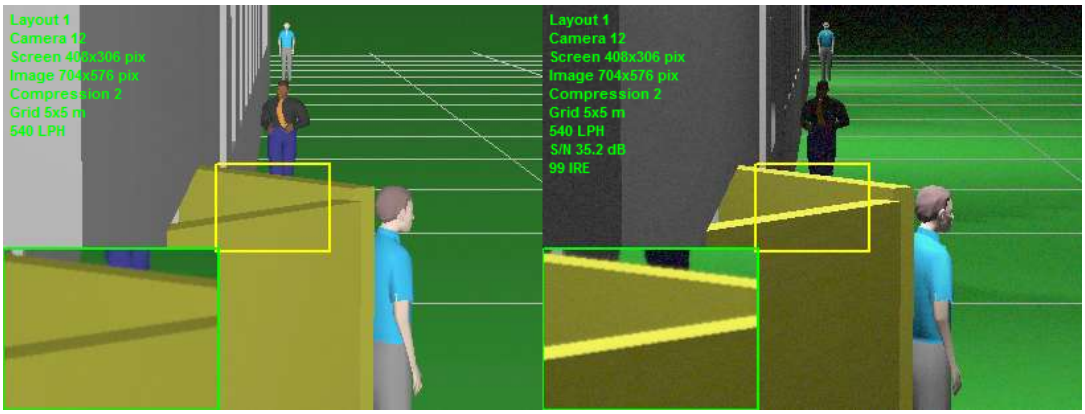
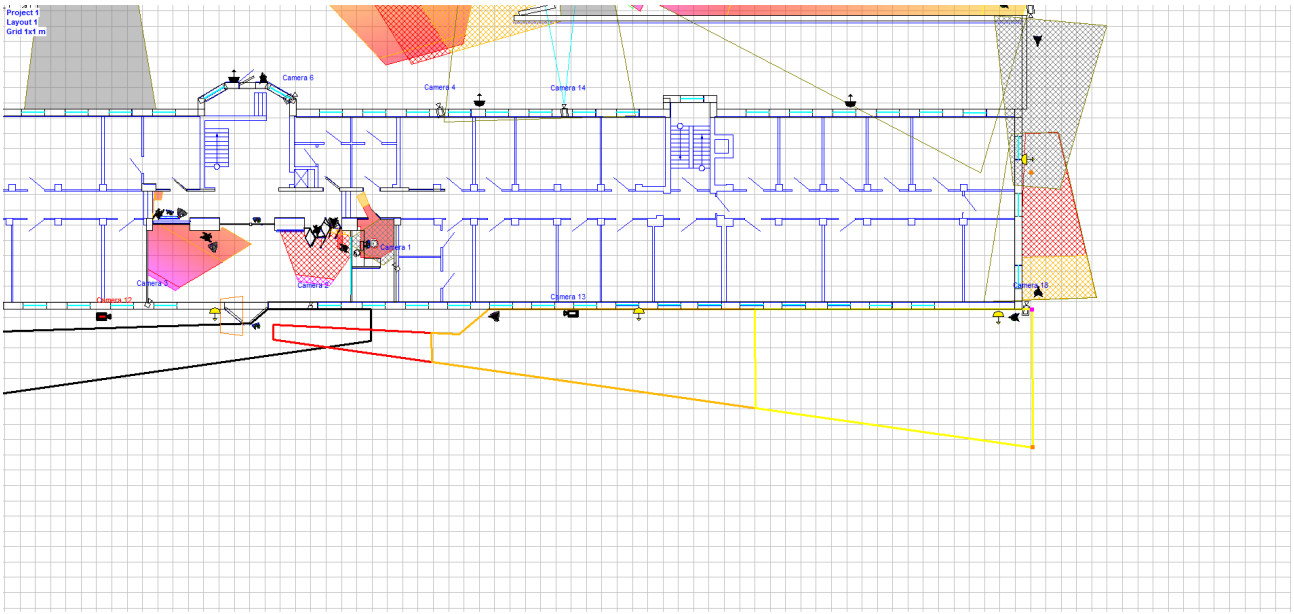
1.12 Camera 12.





1.12.1 Model: TK-C925E-16mm
1.12.2 Producer: JVC
1.12.3 Cost: 0.00p.
1.12.4 Image sensor format=1/3".
1.12.5 Lens focal length=16mm.
1.12.5.1 horizontal view angle=17.1°.
1.12.5.2 vertical view angle=12.8°.
1.12.6 Number of pixels: 752*582.
1.12.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.12.8 Camera tilt angle=6.89°.
1.12.9 Installation height=3 m.
1.12.10 Base height=0 m.
1.12.11 Axial rotation angle =0 °.

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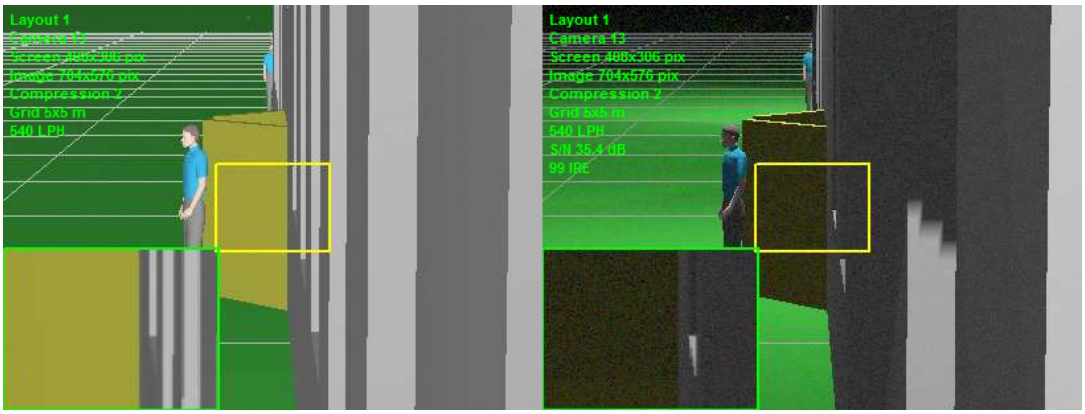
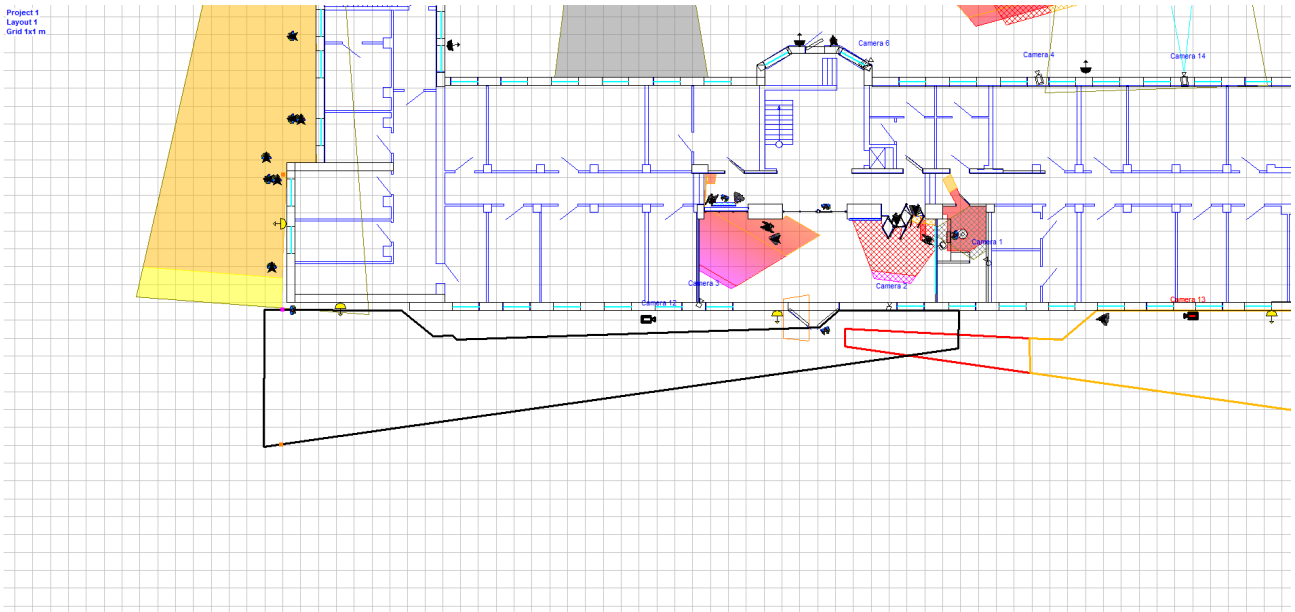
1.13 Camera 13.





1.13.1 Model: TK-C925E-16mm
1.13.2 Producer: JVC
1.13.3 Cost: 0.00p.
1.13.4 Image sensor format=1/3".
1.13.5 Lens focal length=16mm.
1.13.5.1 horizontal view angle=17.1°.
1.13.5.2 vertical view angle=12.8°.
1.13.6 Number of pixels: 752*582.
1.13.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.13.8 Camera tilt angle=6.98°.
1.13.9 Installation height=3.5 m.
1.13.10 Base height=0 m.
1.13.11 Axial rotation angle =0 °.

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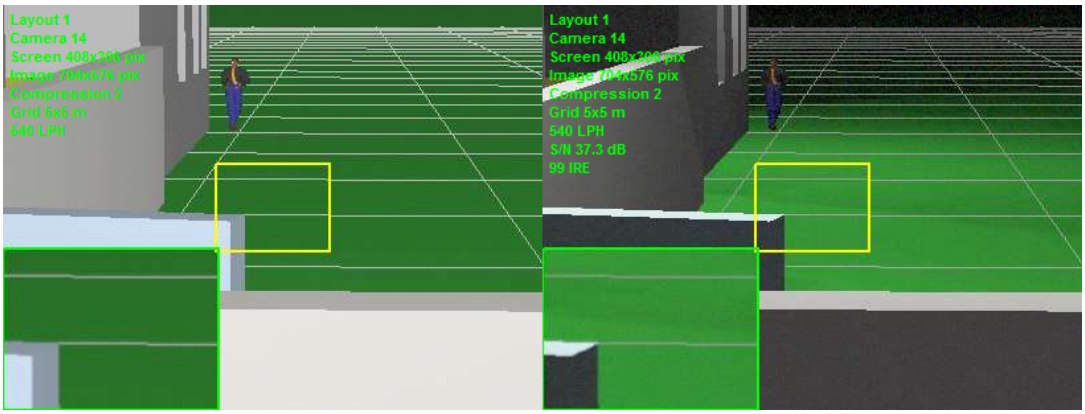
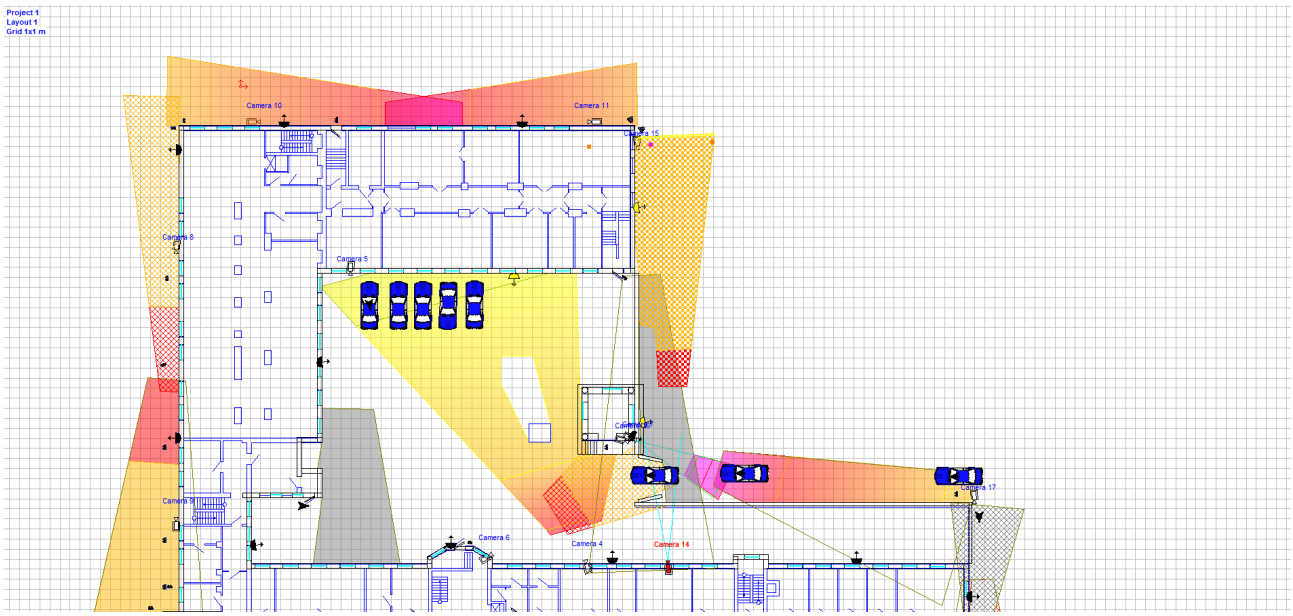
1.14 Camera 14.





1.14.1 Model: TK-C925E-16mm
1.14.2 Producer: JVC
1.14.3 Cost: 0.00p.
1.14.4 Image sensor format=1/3".
1.14.5 Lens focal length=16mm.
1.14.5.1 horizontal view angle=17.1°.
1.14.5.2 vertical view angle=12.8°.
1.14.6 Number of pixels: 752*582.
1.14.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.14.8 Camera tilt angle=7.11°.
1.14.9 Installation height=3,5 m.
1.14.10 Base height=0 m.
1.14.11 Axial rotation angle =0 °.

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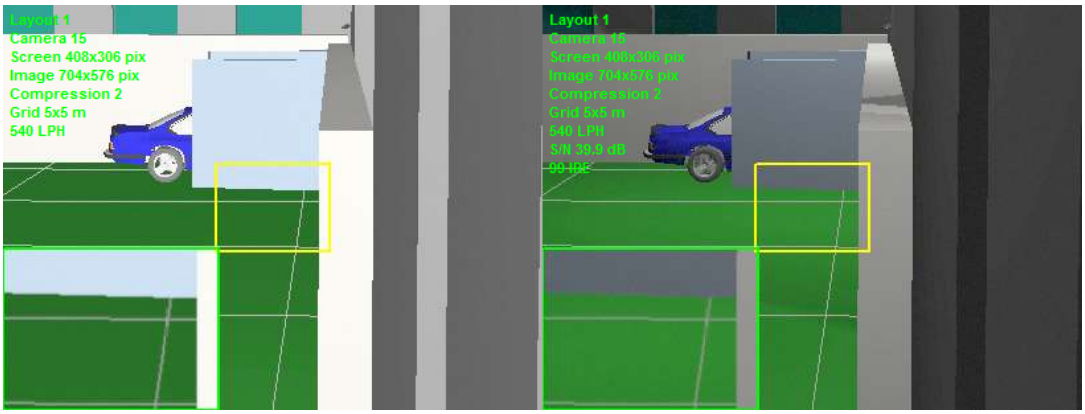
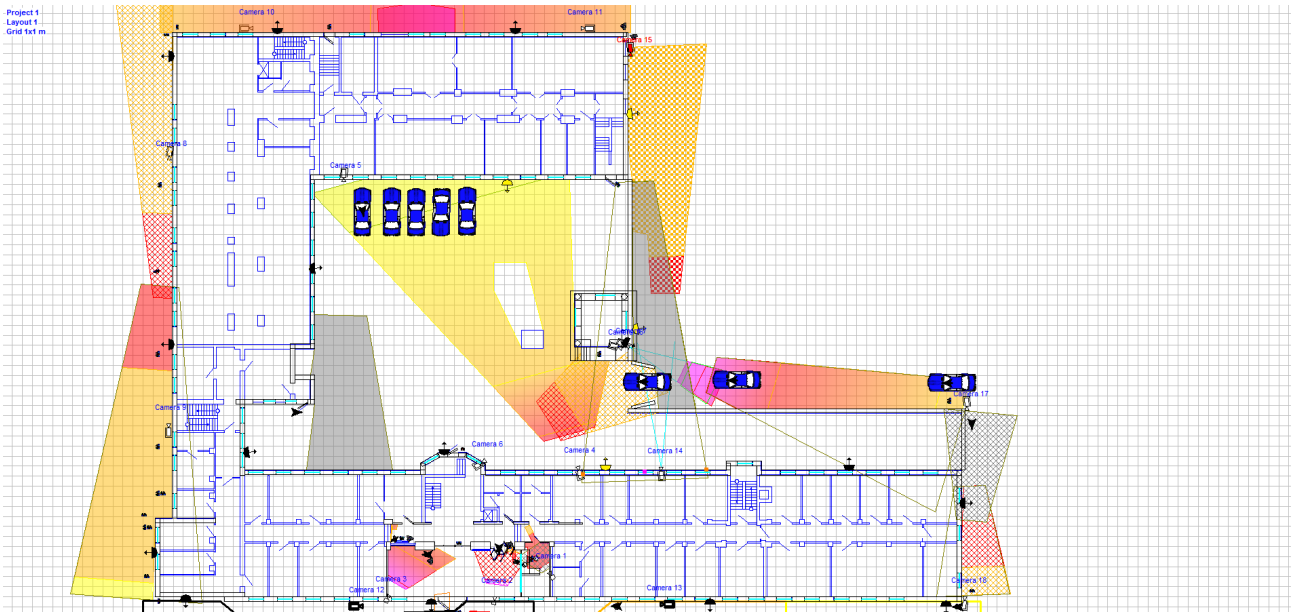
1.15 Camera 15.





1.15.1 Model: TK-C925E-16mm
1.15.2 Producer: JVC
1.15.3 Cost: 0.00p.
1.15.4 Image sensor format=1/3".
1.15.5 Lens focal length=16mm.
1.15.5.1 horizontal view angle=17.1°.
1.15.5.2 vertical view angle=12.8°.
1.15.6 Number of pixels: 752*582.
1.15.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.15.8 Camera tilt angle=7.11°.
1.15.9 Installation height=3.5 m.
1.15.10 Base height=0 m.
1.15.11 Axial rotation angle =0 °.

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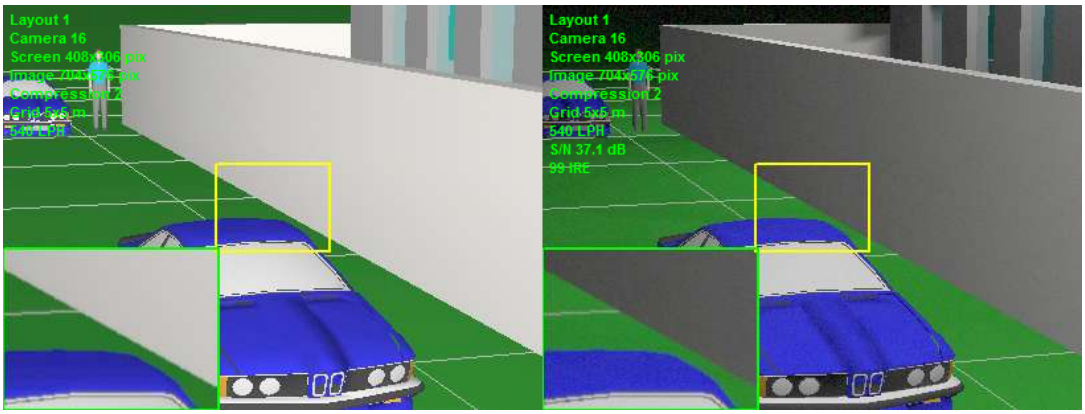
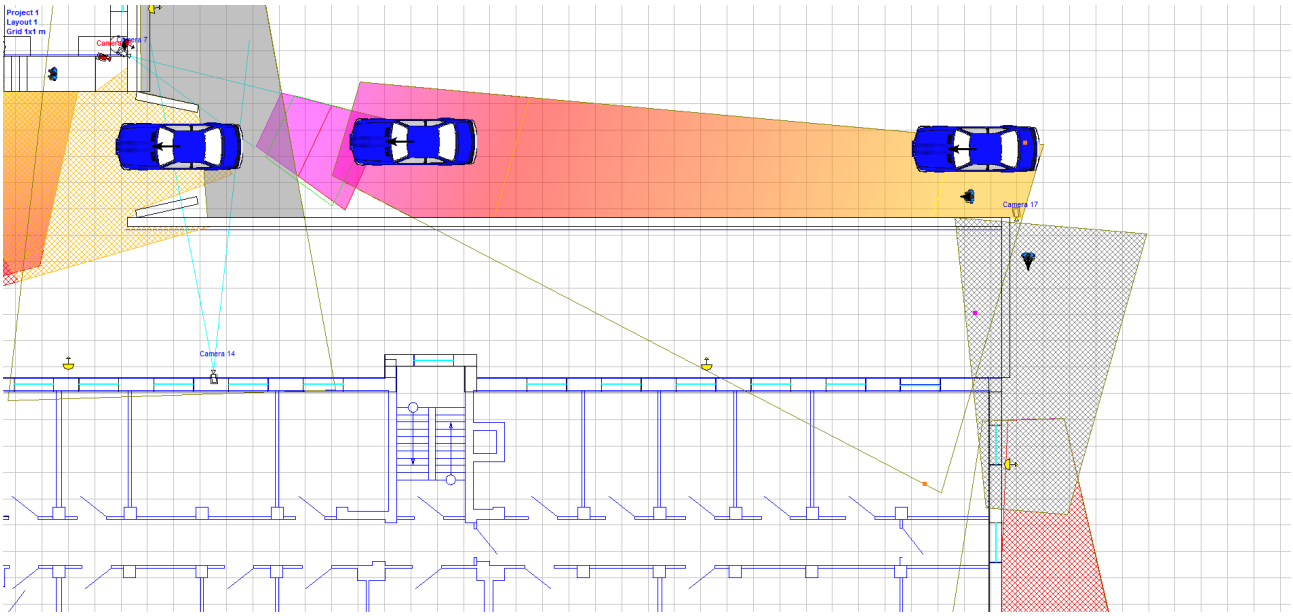
1.16 Camera 16.





1.16.1 Model: TK-C925E-12mm
1.16.2 Producer: JVC
1.16.3 Cost: 0.00p.
1.16.4 Image sensor format=1/3".
1.16.5 Lens focal length=12mm.
1.16.5.1 horizontal view angle=22.6°.
1.16.5.2 vertical view angle=17.1°.
1.16.6 Number of pixels: 752*582.
1.16.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.16.8 Camera tilt angle=9.37°.
1.16.9 Installation height=3.5 m.
1.16.10 Base height=0 m.
1.16.11 Axial rotation angle =0 °.

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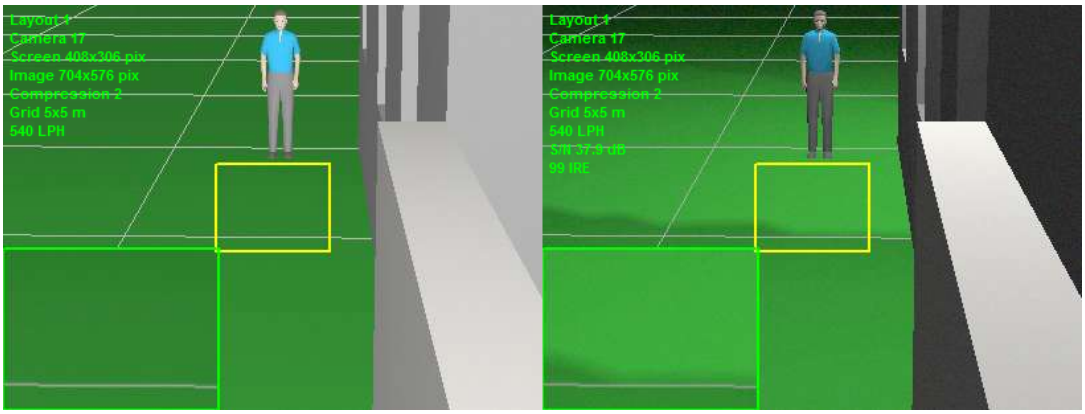
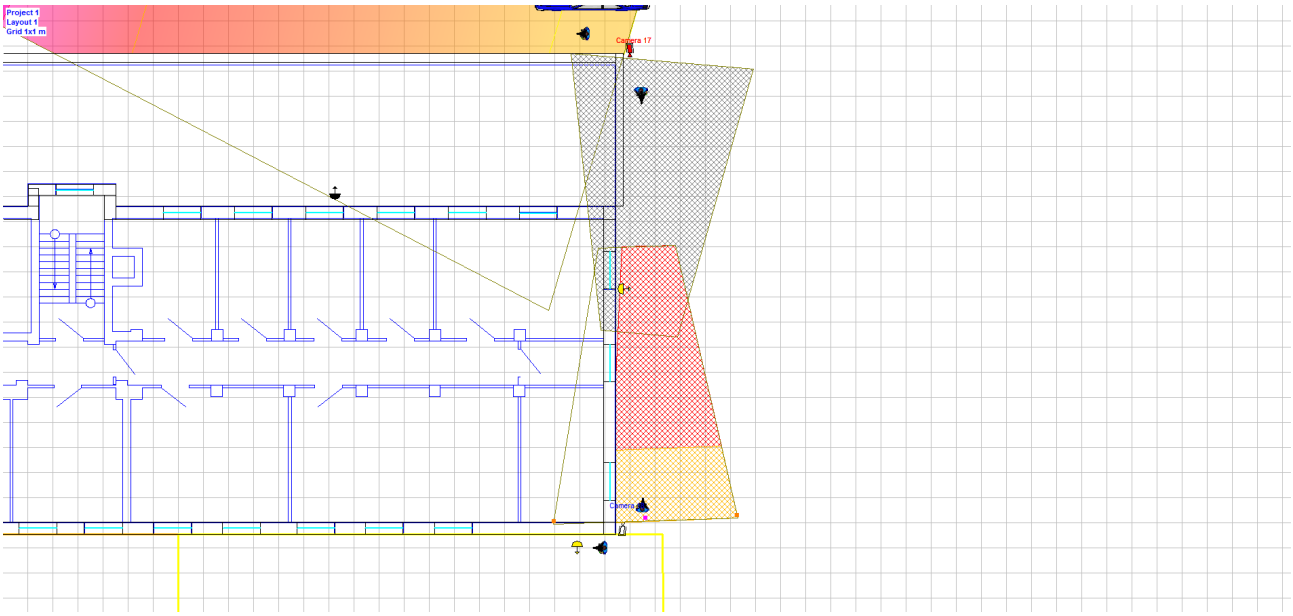
1.17 Camera 17.





1.17.1 Model: TK-C925E-12mm
1.17.2 Producer: JVC
1.17.3 Cost: 0.00p.
1.17.4 Image sensor format=1/3".
1.17.5 Lens focal length=12mm.
1.17.5.1 horizontal view angle=22.6°.
1.17.5.2 vertical view angle=17.1°.
1.17.6 Number of pixels: 752*582.
1.17.7 Spatial resolution pattern: Home Office Scientific Development Branch 2009 (arbitrary resolutions).
1.17.8 Camera tilt angle=13.2°.
1.17.9 Installation height=3.5 m.
1.17.10 Base height=0 m.
1.17.11 Axial rotation angle =0 °.

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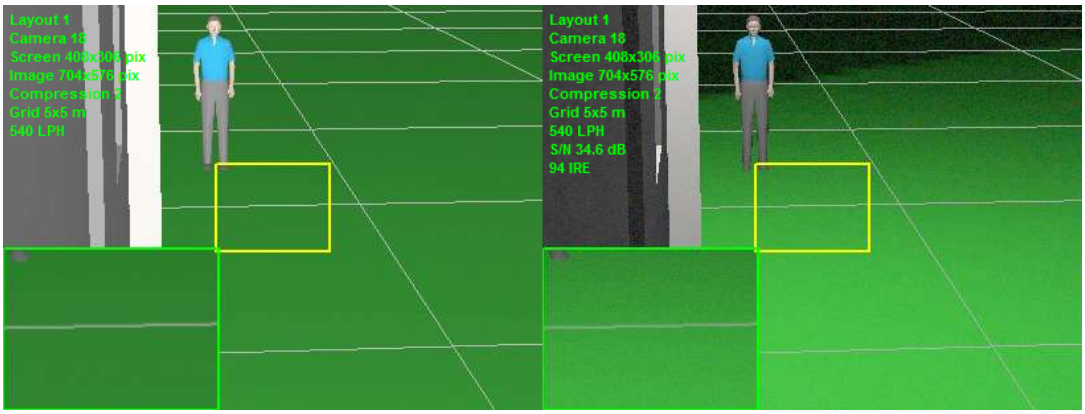
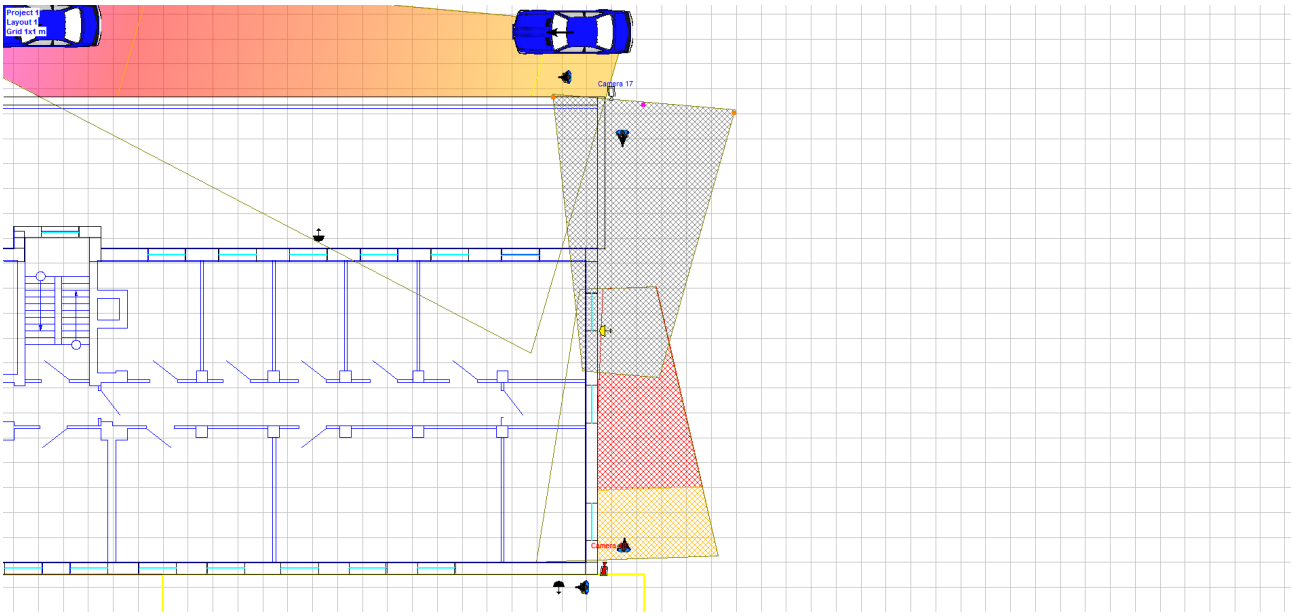
1.18 Camera 18.





1.18.1 Model: TK-C925E-12mm
1.18.2 Producer: JVC
1.18.3 Cost: 0.00p.
1.18.4 Image sensor format=1/3".
1.18.5 Lens focal length=12mm.
1.18.5.1 horizontal view angle=22.6°.
1.18.5.2 vertical view angle=17.1°.
1.18.6 Number of pixels: 752*582.
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1.18.8 Camera tilt angle=13.2°.
1.18.9 Installation height=3.5 m.
1.18.10 Base height=0 m.
1.18.11 Axial rotation angle =0 °.

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2 Cameras summary

2.1 Number of cameras: 18.
2.2 Number of camera models: 6.
- KPC-S230C: 3;
- TK-C925E-4mm: 1;
- TK-C925E-12mm: 4;
- TK-C925E -8mm: 1;
- WAT-137HL: 1;
- TK-C925E-16mm: 8;

2.3 Number of lens focal lenghts: 5.
- 3,6mm: 3;
- 4mm: 1;
- 12mm: 5;
- 8mm: 1;
- 16mm: 8;

2.4 Number of camera resolutions: 2.
- 500*582: 3;
- 752*582: 15;

3 Cables summary

4 Spatial resolution patterns

4.1 Home Office Scientific Development Branch 2009 (arbitrary resolutions)

Monitor and Control (20pix/obj)
Detect (39pix/obj)
Observe (100pix/obj)
Recognise (200pix/obj)
Identify (400pix/obj)

Direction= Vertical
Object height= 1.64 m
Height of measuring spatial resolution= AUTO

Report created: 29.09.2014 12:04:28

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