



VideoCAD Professional

Example report

<http://cctvcad.com>

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1 Introduction

Here may be an arbitrary Introduction to the report. It may consist of many pages. The Introduction is loaded from a plain text file. HTML tags are recognized.

This report has been generated automatically by the CCTV Design software **VideoCAD Professional version 10.0**.
To learn more about VideoCAD Professional, please visit [CCTVCAD Software website](http://www.cctvcad.com).

The PDF report may include:

- Tables with parameters of each camera;
- Table with parameters of all cameras;
- Table with camera model parameters;
- Sets of parameters in the tables, design of the tables are customizable;
- Table of cables;
- Images from cameras;
- Fragments of layouts with placed cameras separated by Groups of cameras;
- 3D views of camera view areas from the 3D World window;
- Images of spatial resolution patterns;
- Photos of camera models;
- Summary information on cameras;
- Arbitrary texts (introduction, conclusion).

VideoCAD offers tools for excellent design of the report:

- Cover with arbitrarily placed texts and pictures;
- Table of contents;
- Bookmarks;
- Internal and external links;
- Footers and headers with texts and pictures;
- Automatic numerations of captions, images, tables and pages;
- Different design of odd and even pages;
- External PDF files can be attached to the report at beginning and at the end;
- Background PDF file, pages of which are drawn as a background for the Cover, odd and even report pages.
- Customizable fonts and colors;
- HTML tags supported.
- Pages for big tables and images can have enlarged sizes.
- Images and drawings can have megapixel resolutions exceeding screen resolution.

Design of the report and composition of information in the report are customizable.

The PDF report is integrated with the Table of Cameras and the Table of Camera Models. Flexible filters of the tables are used to filter and sort cameras for inclusion in the report by simple or complex conditions. Views of the tables are used to select and order camera parameters in the tables of the report.

You can save report settings to patterns, select saved pattern from the list, save report patterns to a file, and load from files.

2 Layout 1

Here may be a short description of the Layout 1.

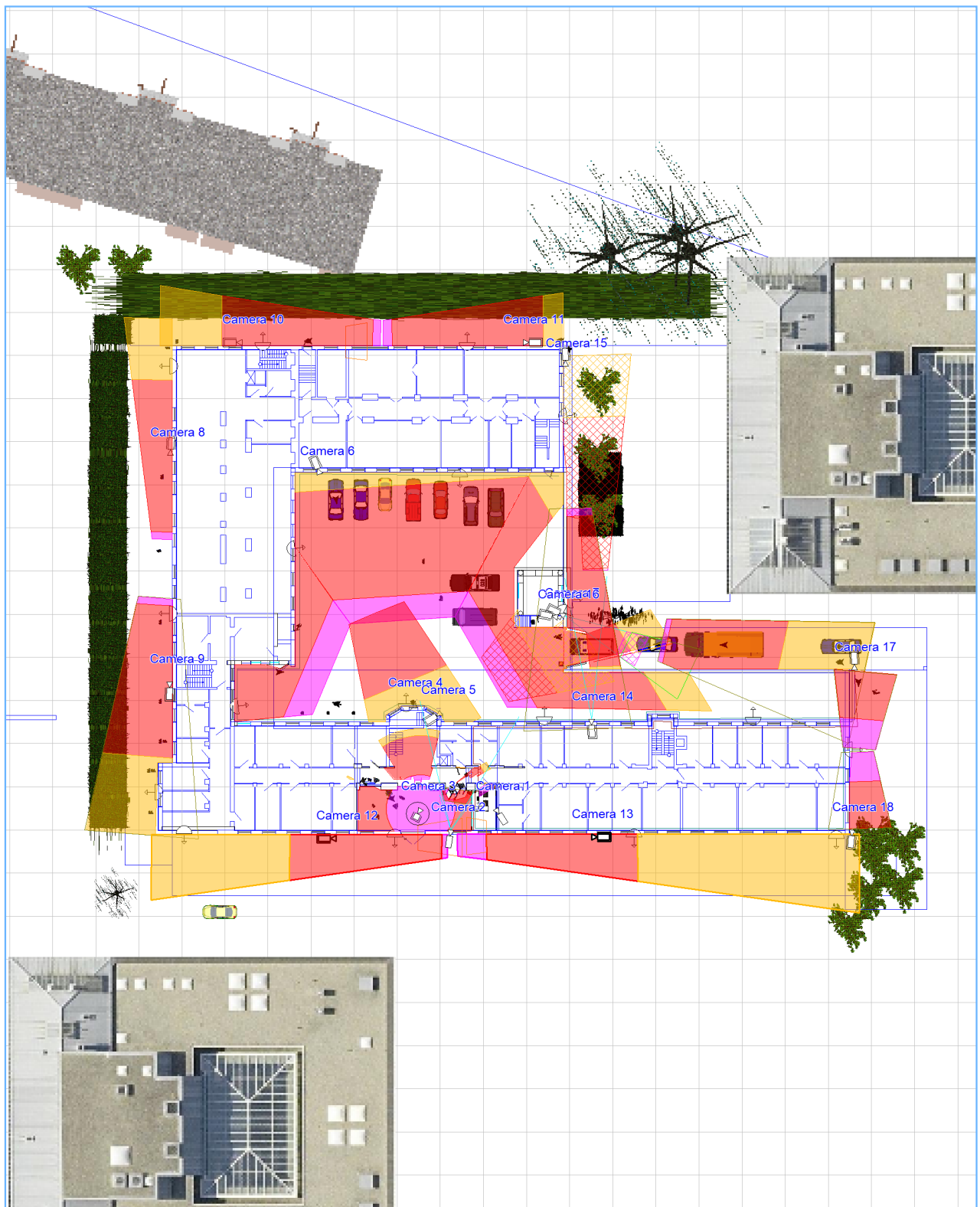


Fig.1. Camera View area projections on Layout Layout 1

2.1 Control post

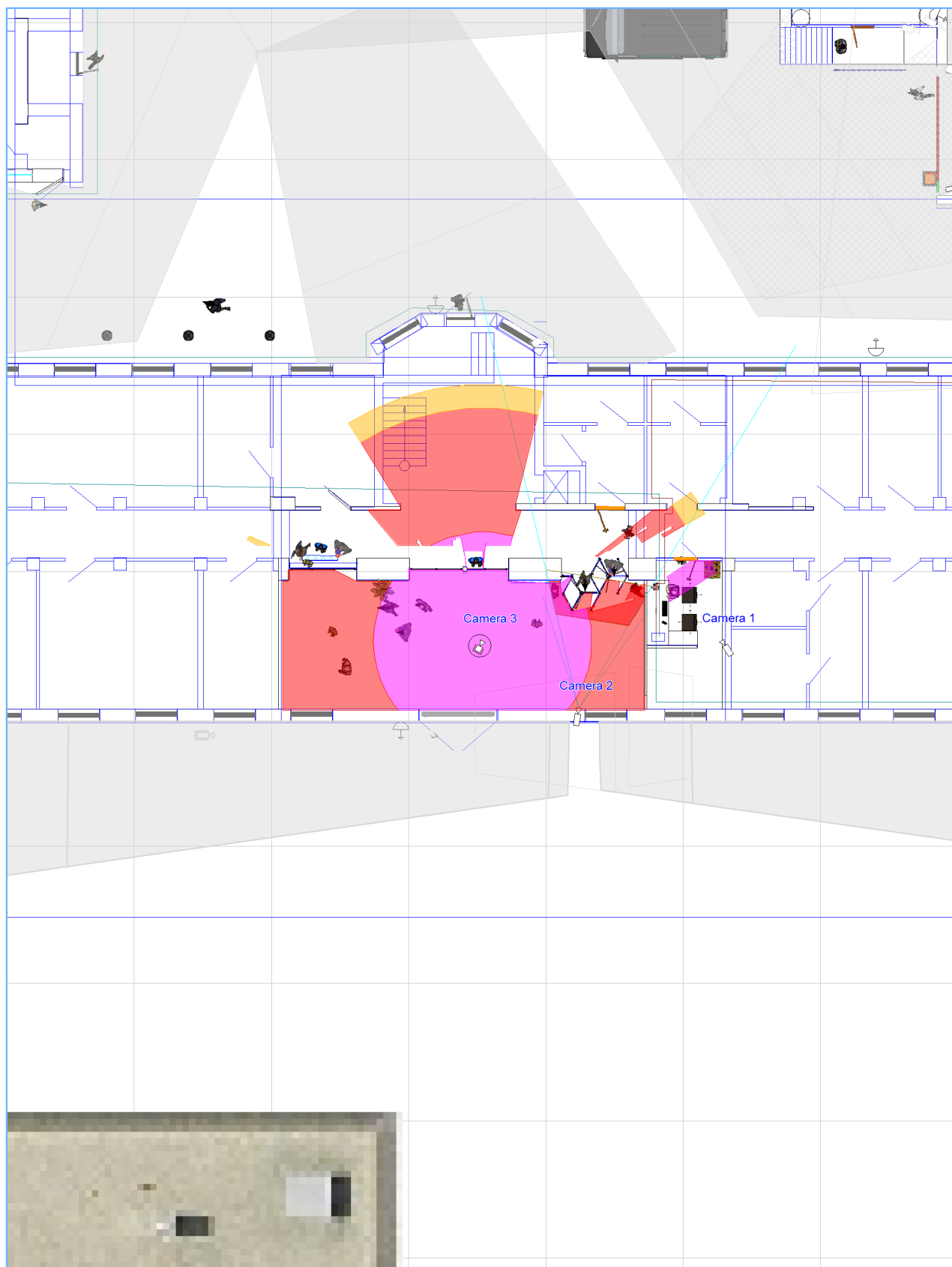
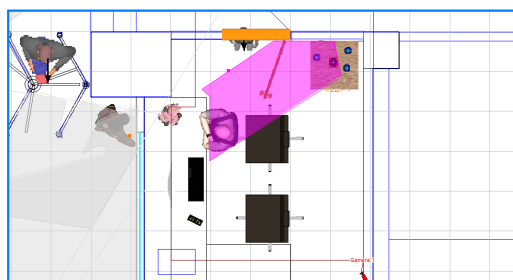


Fig.2. View area projections of cameras of the Group Control post

2.1.1 Camera 1

M1124; Axis; $f=5(3-10.5)\text{mm}$; $F1,2$; $1/3''$; $1280 \times 720(160 \times 90 \ 1280 \times 720)$; 16:9; View angles(H/V)=($51,3^\circ/30,2^\circ$); Height=3 m; View area heights=(0.5-2) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 1,4W DC); indoor

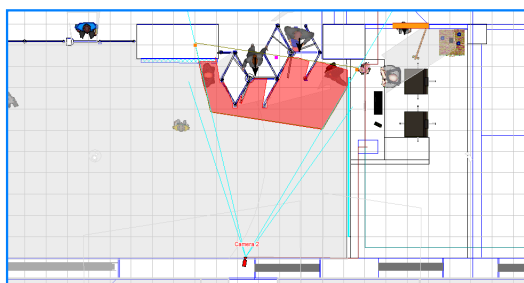


Home Office Scientific Development Branch 2009 (arbitrary resolutions).
Criterion: Pixel for object.
Object height=1.64 m.
Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	109.3 m	59.0
Detect		
40pix/obj	54.7 m	29.5
Observe		
100pix/obj	21.9 m	11.8
Recognise		
200pix/obj	10.9 m	5.9
Identify		
400pix/obj	5.5 m	3.0

2.1.2 Camera 2

M1124; Axis; $f=5,88(3-10.5)\text{mm}$; $F1,2$; $1/3''$; $1280 \times 720(160 \times 90 \ 1280 \times 720)$; 16:9; View angles(H/V)=($44,4^\circ/25,9^\circ$); Height=3 m; View area heights=(0.5-2) m; European Standard EN 62676-4 2015; Supply=(12,0V 2,2W DC); indoor

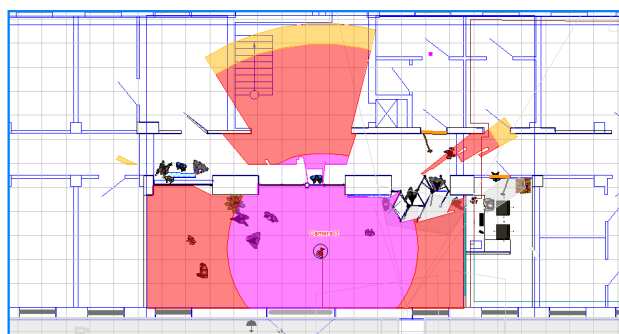


European Standard EN 62676-4 2015.
Criterion: Pixel per meter.
Vert. number of pixels=720.

	Resolution	Field of View
Monitoring		
12pix / m	130.7 m	60.0
Detection		
25pix / m	62.7 m	28.8
Observation		
62pix / m	25.3 m	11.6
Recognition		
125pix / m	12.5 m	5.8
Identification		
250pix / m	6.3 m	2.9
Strong identification		
1000pix / m	1.6 m	0.7

2.1.3 Camera 3

M3058-PLVE; Axis; Fish Eye; $F2,0$; $1/1.7''$; $4000 \times 3000(160 \times 160 \ 4000 \times 3000)$; 4:3; Height=3 m; View area heights=(0.5-2) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 1,4W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).
Criterion: Pixel for object.
Object height=1.64 m.
Vert. number of pixels=3000.

	Resolution	Field of View
Monitor and Control		
20pix/obj	87.0 m	
Detect		
40pix/obj	43.5 m	
Observe		
100pix/obj	17.4 m	
Recognise		
200pix/obj	8.7 m	
Identify		
400pix/obj	4.3 m	

2.2 Gate

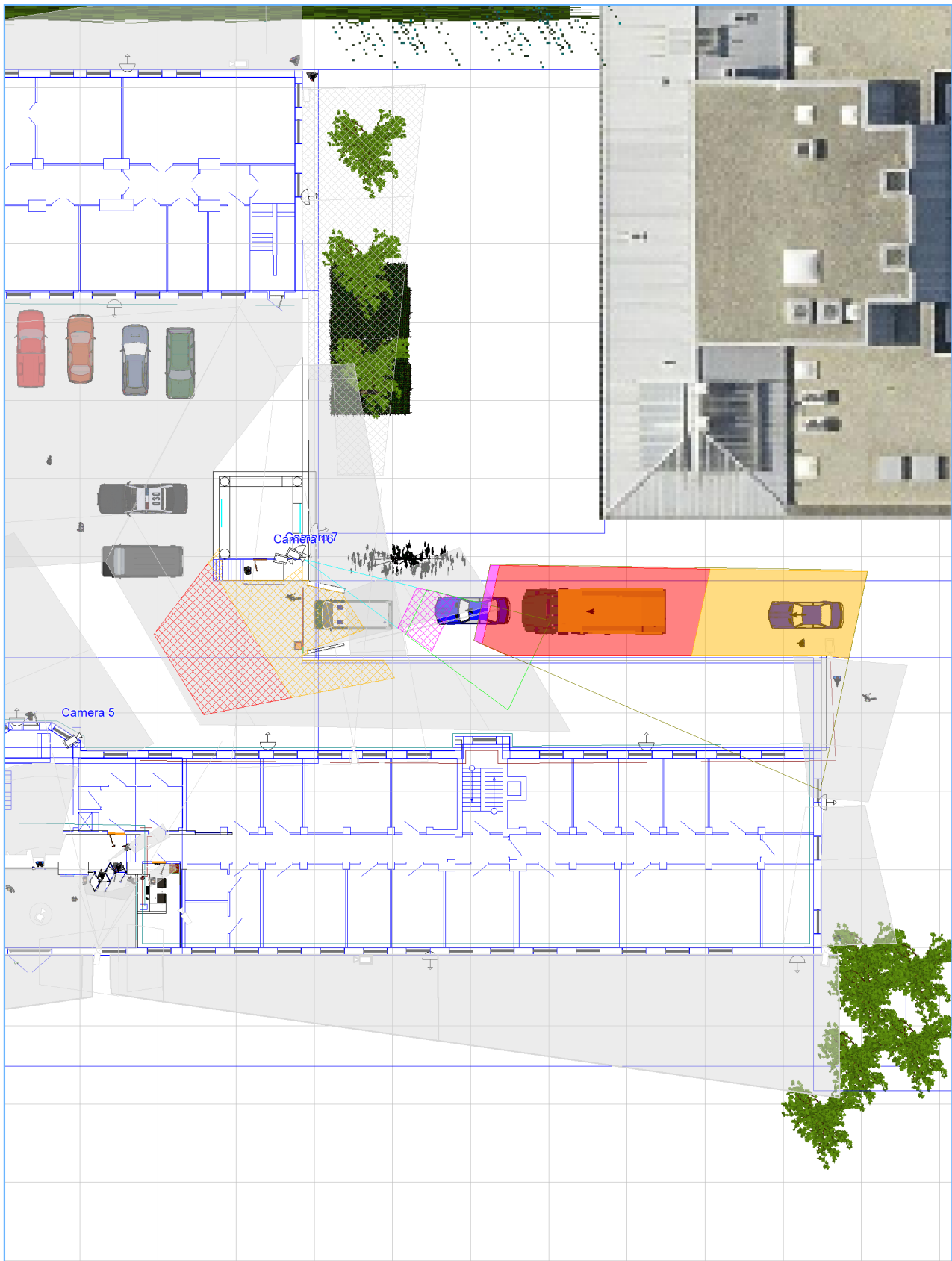
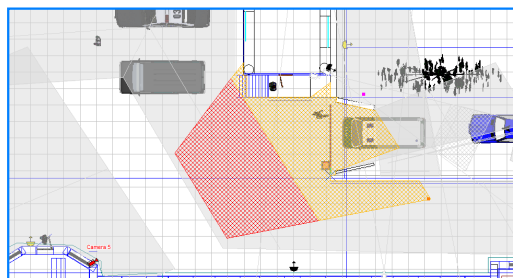


Fig.12. View area projections of cameras of the Group Gate

2.2.1 Camera 5

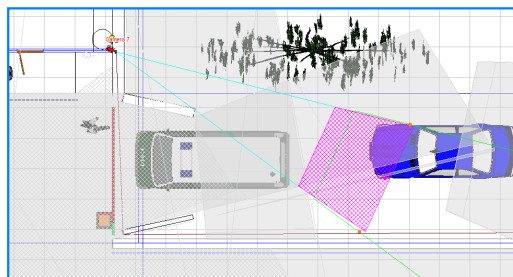
P1364-E; Axis; f=6(2.8-8.5)mm; F1,2; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(43,6°/25,4°); Height=5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object.		
Object height=1.54 m.		
Vert. number of pixels=720.		
Monitor and Control	Resolution	Field of View
20pix/obj	131.2 m	59.0
Detect		105.0
40pix/obj	65.6 m	29.5
Observe		52.5
100pix/obj	26.2 m	11.8
Recognise		21.0
200pix/obj	13.1 m	5.9
Identify		10.5
400pix/obj	6.6 m	3.0
		5.2

2.2.2 Camera 7

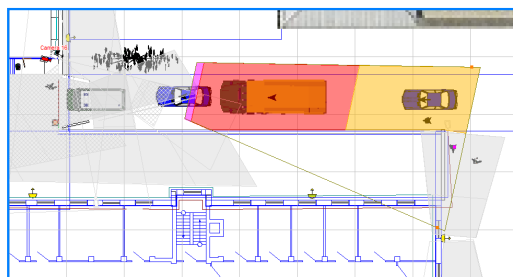
P1364-E-12mm; Axis; f=12mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(22,6°/12,8°); Height=2,8 m; View area heights=(0.5-2) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 2,5W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object.		
Object height=1.54 m.		
Vert. number of pixels=720.		
Monitor and Control	Resolution	Field of View
20pix/obj	262.4 m	59.0
Detect		105.0
40pix/obj	131.2 m	29.5
Observe		52.5
100pix/obj	52.5 m	11.8
Recognise		21.0
200pix/obj	26.2 m	5.9
Identify		10.5
400pix/obj	13.1 m	3.0
		5.2

2.2.3 Camera 16

P1364-E-12mm; Axis; f=12mm; F1,4; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(22,6°/12,8°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object.		
Object height=1.54 m.		
Vert. number of pixels=720.		
Monitor and Control	Resolution	Field of View
20pix/obj	262.4 m	59.0
Detect		105.0
40pix/obj	131.2 m	29.5
Observe		52.5
100pix/obj	52.5 m	11.8
Recognise		21.0
200pix/obj	26.2 m	5.9
Identify		10.5
400pix/obj	13.1 m	3.0
		5.2

2.3 Jard

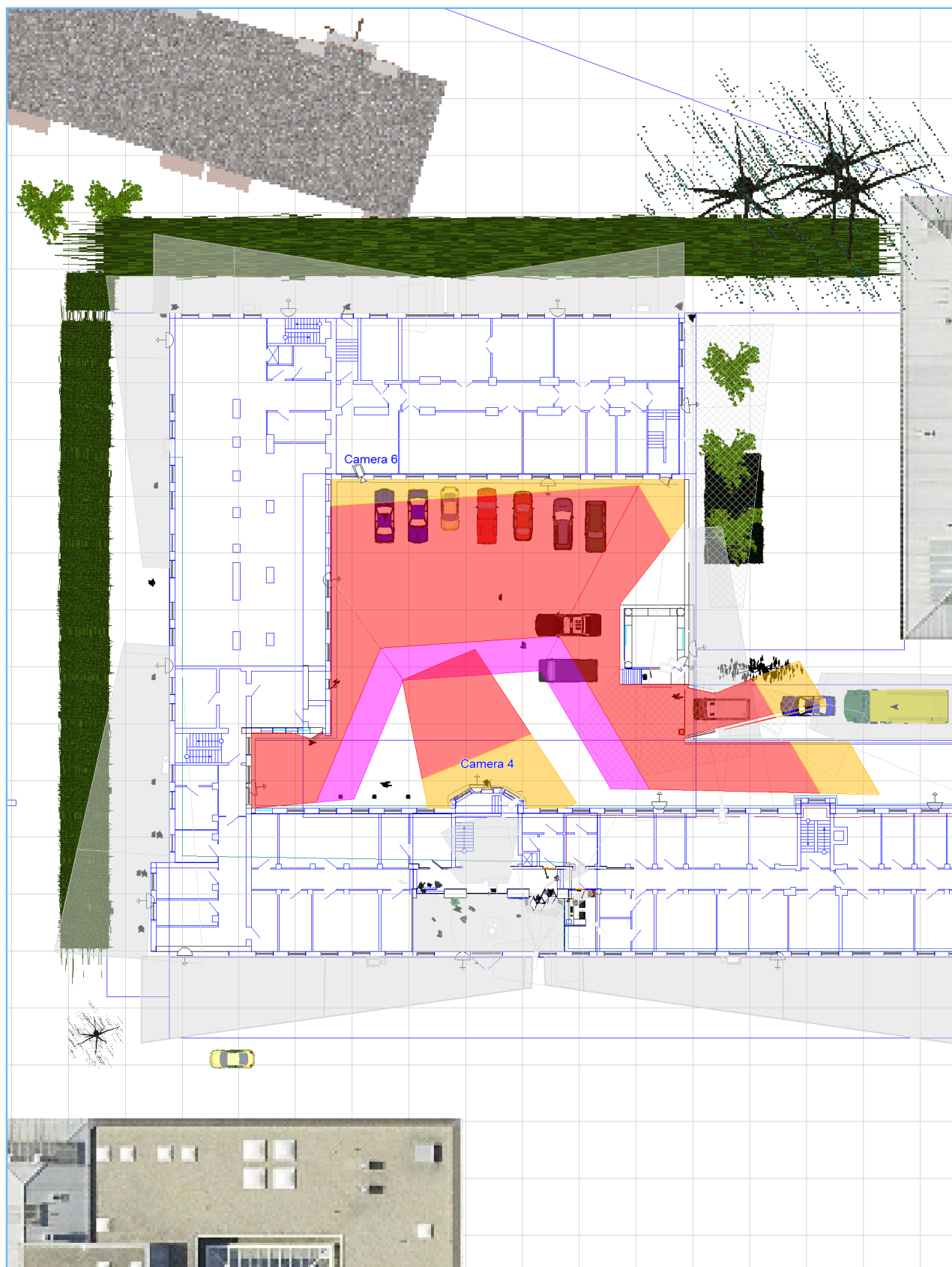
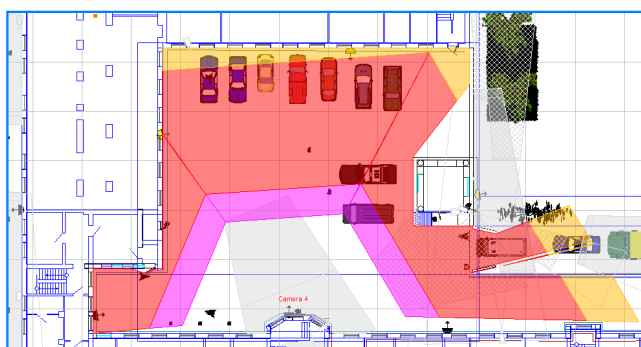


Fig.22. View area projections of cameras of the Group Jard

2.3.1 Camera 4

Q3709-PVE; Axis; Multisensor(3); f=5mm; F1,2; 1/2.3"; 3840*2880(320*240 3840*2880); 4:3; View angles(H/V)=(63,3°/49,7°); Height=5 m; View area heights=(0,50-2,00) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor

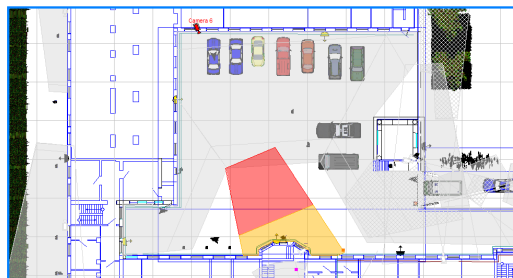


Home Office Scientific Development Branch 2009 (arbitrary resolutions);
Criterion: Pixel for object;
Object height=1.64 m;
Vert. number of pixels=2880.

	Resolution	Field of View
Monitor and Control	255.2 m	236.2° 314.9°
Detect	40pix/obj	127.6 m
Observe	100pix/obj	51.0 m
Recognise	200pix/obj	25.5 m
Identify	400pix/obj	12.8 m

2.3.2 Camera 6

P1364-E-12mm; Axis; f=12mm; F1,4; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(22,6°/12,8°); Height=5 m; View area heights=(0.5-4) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions);
Criterion: Pixel for object;
Object height=1.64 m;
Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control	252.4 m	69.0° 105.0°
Detect	40pix/obj	131.2 m
Observe	100pix/obj	52.5 m
Recognise	200pix/obj	26.2 m
Identify	400pix/obj	13.1 m

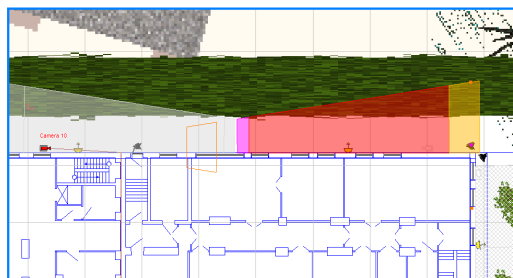
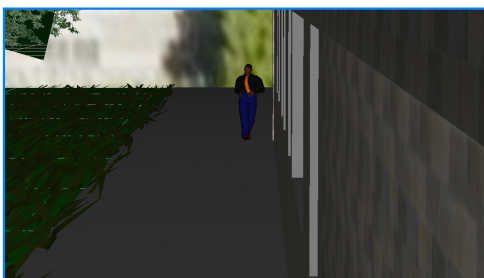
2.4 Perimeter top



Fig.29. View area projections of cameras of the Group Perimeter top

2.4.1 Camera 10

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor

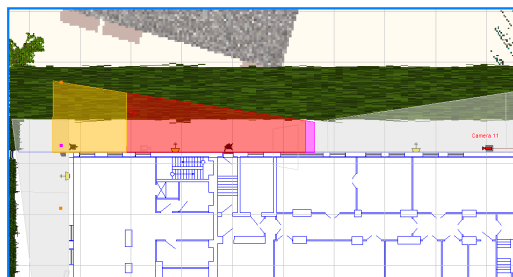


Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0
Detect		
40pix/obj	174.9 m	29.5
Observe		
100pix/obj	70.0 m	11.8
Recognise		
200pix/obj	35.0 m	5.9
Identify		
400pix/obj	17.5 m	3.0

2.4.2 Camera 11

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0
Detect		
40pix/obj	174.9 m	29.5
Observe		
100pix/obj	70.0 m	11.8
Recognise		
200pix/obj	35.0 m	5.9
Identify		
400pix/obj	17.5 m	3.0

2.5 Perimeter bottom

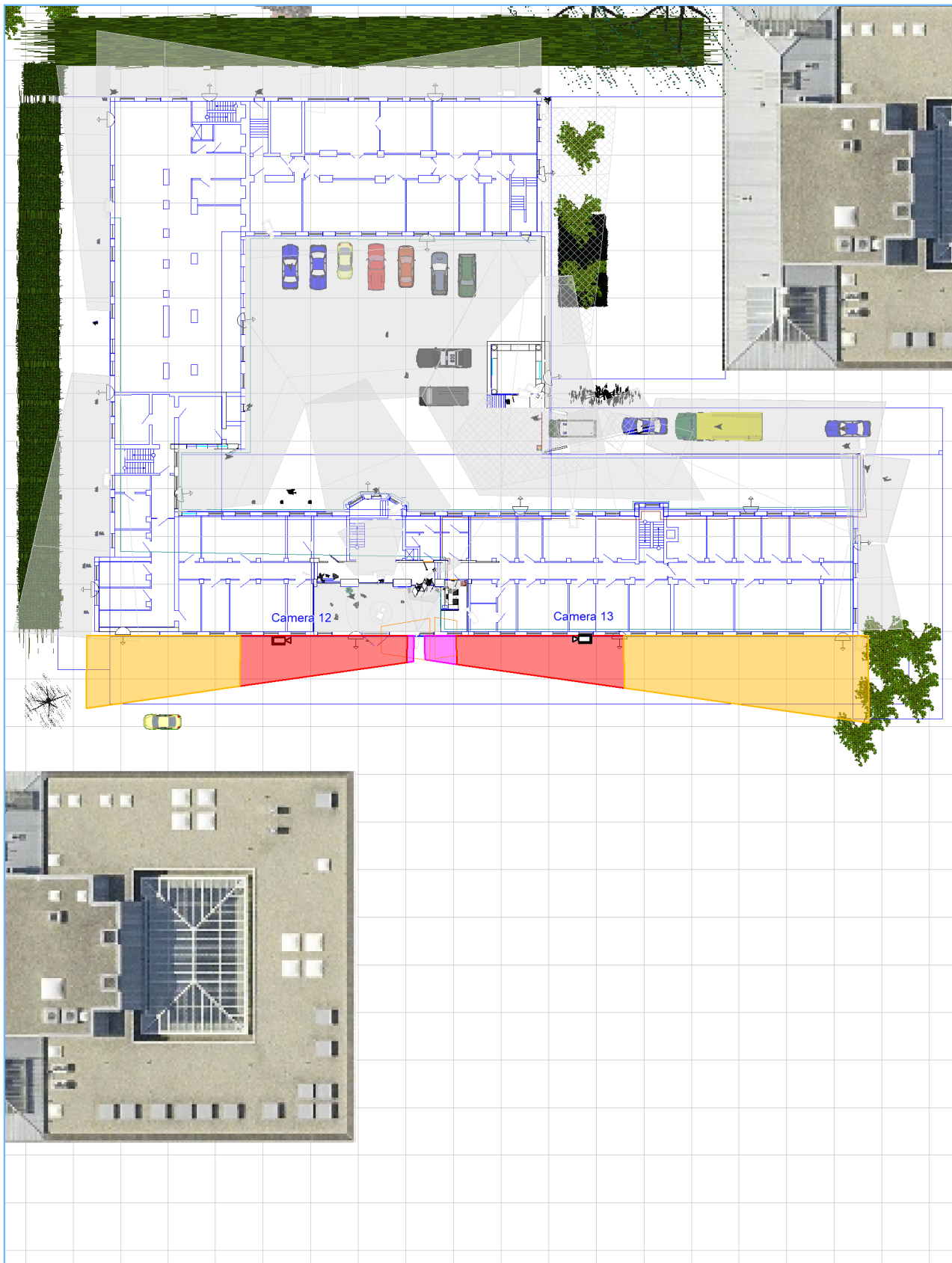
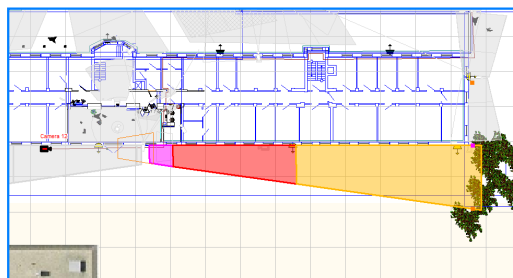
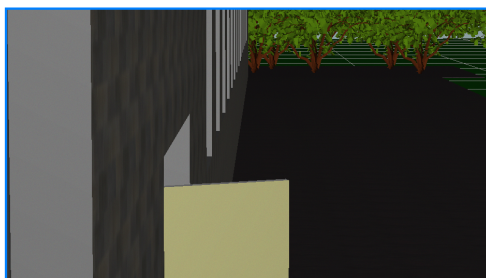


Fig.36. View area projections of cameras of the Group Perimeter bottom

2.5.1 Camera 12

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3 m; View area heights=(0.5-2.5) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor

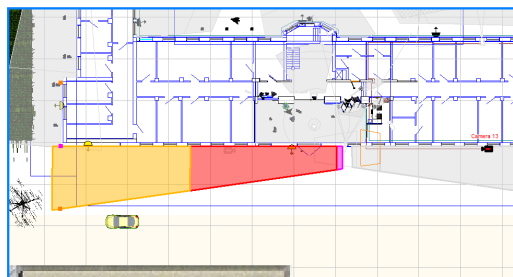


Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0 105.0
Detect		
40pix/obj	174.9 m	29.5 52.5
Observe		
100pix/obj	70.0 m	11.8 21.0
Recognise		
200pix/obj	35.0 m	5.9 10.5
Identify		
400pix/obj	17.5 m	3.0 5.2

2.5.2 Camera 13

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0 105.0
Detect		
40pix/obj	174.9 m	29.5 52.5
Observe		
100pix/obj	70.0 m	11.8 21.0
Recognise		
200pix/obj	35.0 m	5.9 10.5
Identify		
400pix/obj	17.5 m	3.0 5.2

2.6 Perimeter left

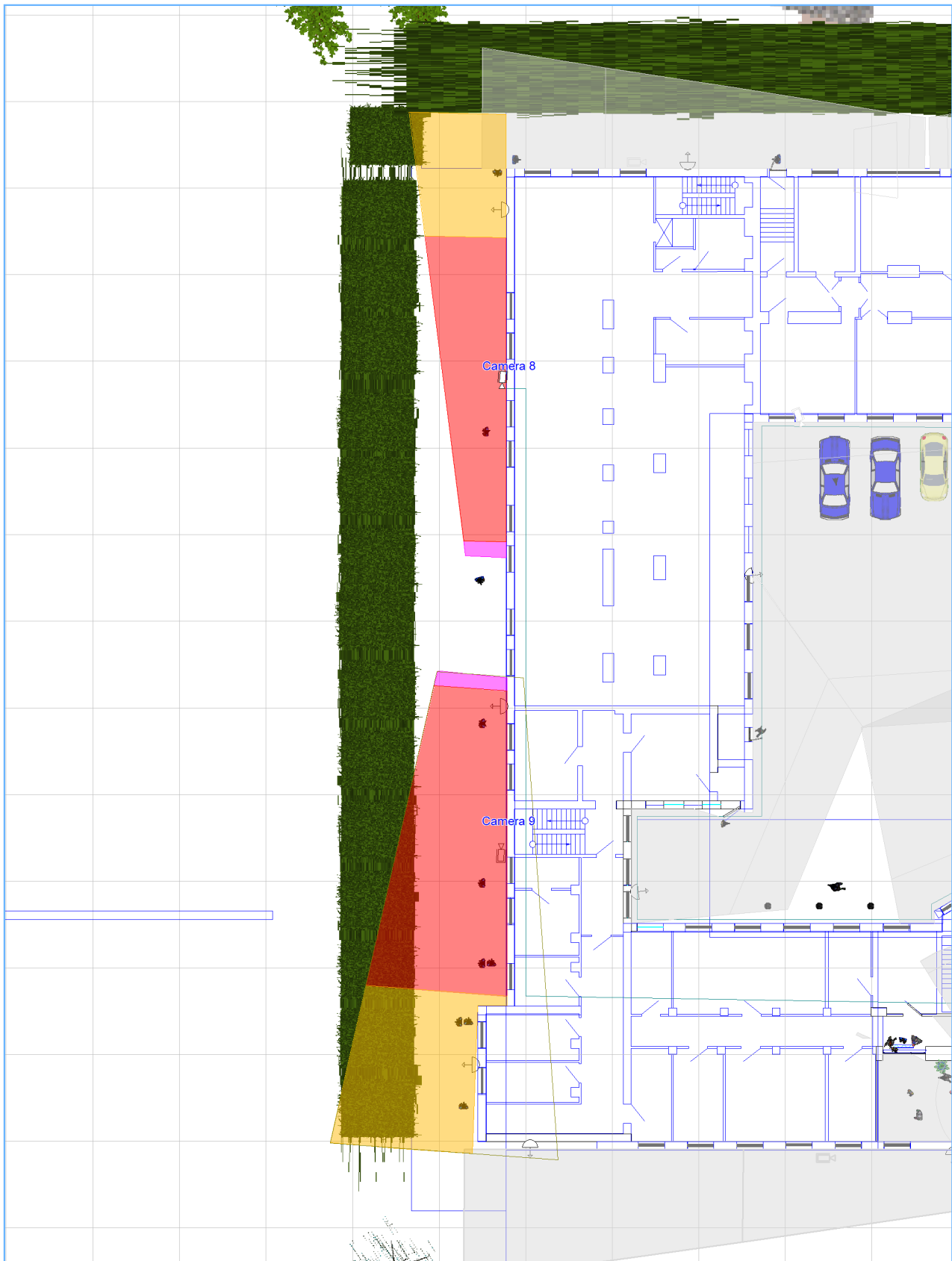
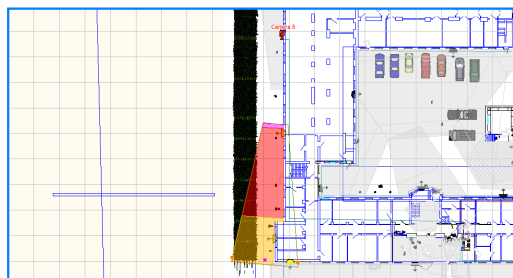
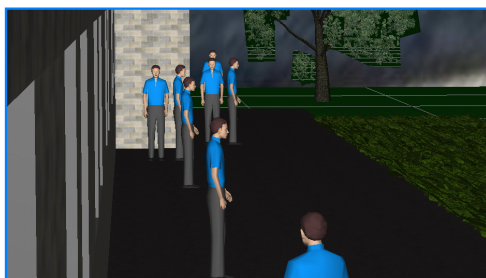


Fig.43. View area projections of cameras of the Group Perimeter left

2.6.1 Camera 8

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor

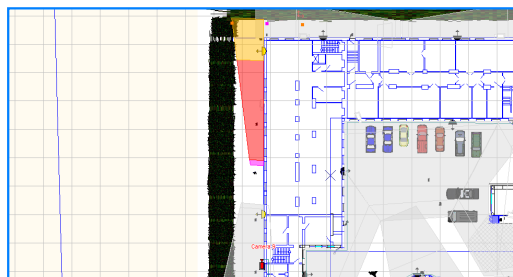


Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0
Detect		
40pix/obj	174.9 m	29.5
Observe		
100pix/obj	70.0 m	11.8
Recognise		
200pix/obj	35.0 m	5.9
Identify		
400pix/obj	17.5 m	3.0

2.6.2 Camera 9

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).
 Criterion: Pixel for object.
 Object height=1.54 m.
 Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	343.9 m	59.0
Detect		
40pix/obj	174.9 m	29.5
Observe		
100pix/obj	70.0 m	11.8
Recognise		
200pix/obj	35.0 m	5.9
Identify		
400pix/obj	17.5 m	3.0

2.7 Perimeter right

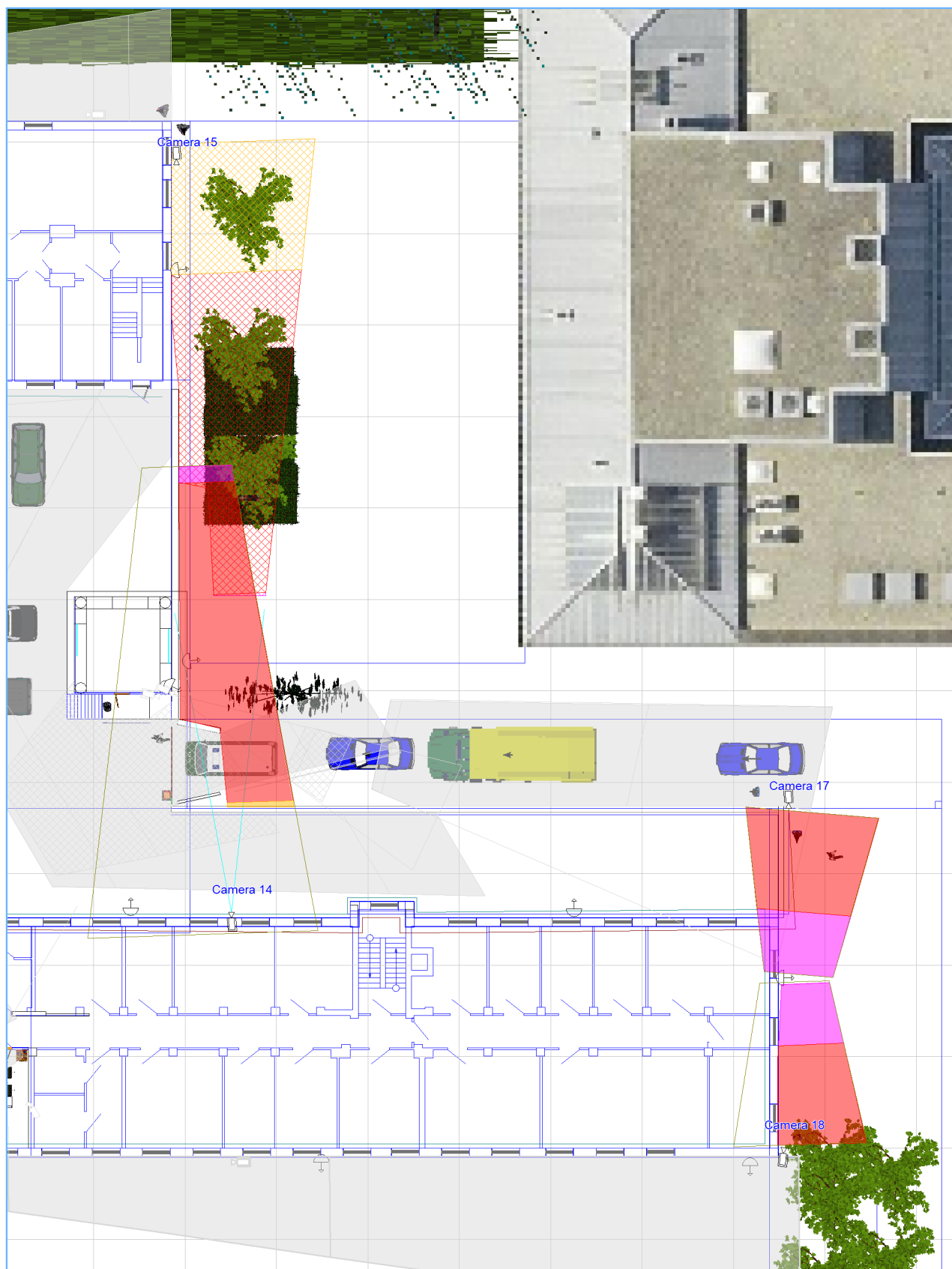


Fig.50. View area projections of cameras of the Group Perimeter right

2.7.1 Camera 14

P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object; Object height=1.54 m; Vert. number of pixels=720		
Monitor and Control	Resolution	Field of View
20pix/obj	343.9 m	59.0 105.0
Detect		
40pix/obj	174.9 m	29.5 52.5
Observe		
100pix/obj	70.0 m	11.8 21.0
Recognise		
200pix/obj	35.0 m	5.9 10.5
Identify		
400pix/obj	17.5 m	3.0 5.2

2.7.2 Camera 15

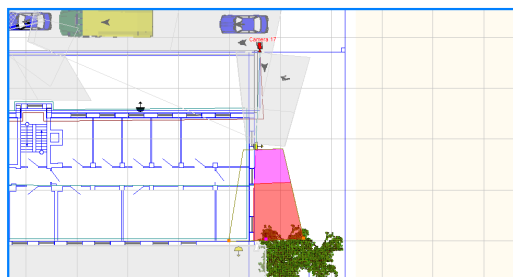
P1364-E-16mm; Axis; f=16mm; F1,3; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(17,1°/9,6°); Height=3.5 m; View area heights=(0.5-3) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object; Object height=1.54 m; Vert. number of pixels=720		
Monitor and Control	Resolution	Field of View
20pix/obj	343.9 m	59.0 105.0
Detect		
40pix/obj	174.9 m	29.5 52.5
Observe		
100pix/obj	70.0 m	11.8 21.0
Recognise		
200pix/obj	35.0 m	5.9 10.5
Identify		
400pix/obj	17.5 m	3.0 5.2

2.7.3 Camera 17

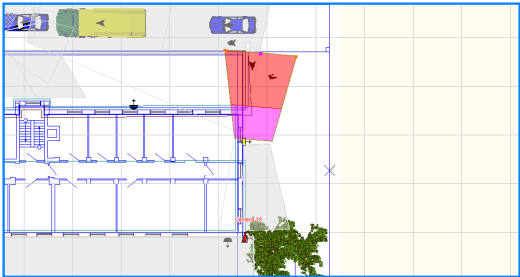
P1364-E-12mm; Axis; f=12mm; F1,4; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(22,6°/12,8°); Height=3.5 m; View area heights=(0.5-2) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions).		
Criterion: Pixel for object; Object height=1.54 m; Vert. number of pixels=720		
Monitor and Control	Resolution	Field of View
20pix/obj	262.4 m	59.0 105.0
Detect		
40pix/obj	131.2 m	29.5 52.5
Observe		
100pix/obj	52.5 m	11.8 21.0
Recognise		
200pix/obj	26.2 m	5.9 10.5
Identify		
400pix/obj	13.1 m	3.0 5.2

2.7.4 Camera 18

P1364-E-12mm; Axis; f=12mm; F1,4; 1/3"; 1280*720(160*90 1280*720); 16:9; View angles(H/V)=(22,6°/12,8°); Height=3.5 m; View area heights=(0.5-2) m; Home Office Scientific Development Branch 2009 (arbitrary resolutions); Supply=(12,0V 5,0W PoE); outdoor



Home Office Scientific Development Branch 2009 (arbitrary resolutions):
Criterion: Field for object:
Object height=1.64 m;
Vert. number of pixels=720.

	Resolution	Field of View
Monitor and Control		
20pix/obj	262.4 m	59.0
Detect		
40pix/obj	131.2 m	29.5
Observe		
100pix/obj	52.5 m	11.8
Recognise		
200pix/obj	26.2 m	5.9
Identify		
400pix/obj	13.1 m	3.0

3 All cameras

Table 1. Camera table

Name	Model																Installation			Cable
	Name	Producer	Key Feature	Type	Image sensor				Frame rate	Built-in IR		Lens		Total cost	Internet link	Height	View area		Power	
				Color	Number of pixels			Aspect ratio	Coridor mode	Current (fps)	IR	Max distance	Focal length				Upper bound	Lower bound	Brand	
					Horiz.	Vert.	List	Values				Distance	Curre nt (mm)							List / Range
Camera 1	M1124	Axis	d/n 720p indoor	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	5	3-10.5	5	https://www.axis.com/products/axis-m1124	3	2	0,5	Cable TMP
Camera 2	M1124	Axis	d/n 720p indoor	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	5,88	3-10.5	5	https://www.axis.com/products/axis-m1124	3	2	0,5	Cable TMP
Camera 3	M3058-PLVE	Axis	fisheye	day/nigh t	4000	3000	160*160 ;4000*3000;	4:3	OFF	5	No	10	fishey e		15	https://www.axis.com/products/axis-m3058-plve	3	2	0,5	Cable TMP
Camera 4	Q3709-PVE	Axis	3 sensors 180 deg	day/nigh t	3840	2880	320*240 ;3840*2880;	4:3	OFF	5	No	10	5		30	https://www.axis.com/products/axis-q3709-pve	5	2	0,5	Cable TMP
Camera 5	P1364-E	Axis	d/n 720p indoor	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	6	2.8-8.5	10	https://www.axis.com/products/axis-p1364-e	5	3	0,5	Cable TMP
Camera 6	P1364-E-12mm	Axis	12mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	12		8	https://www.axis.com/products/axis-p1364-e	5	4	0,5	Cable TMP
Camera 7	P1364-E-12mm	Axis	12mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	12		8	https://www.axis.com/products/axis-p1364-e	2,8	2	0,5	Cable TMP
Camera 8	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www.axis.com/products/axis-p1364-e	3,5	3	0,5	Cable TMP

Table 1. Camera table. Continuation

Camera 9	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 10	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 11	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 12	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3	2,5	0,5	Cable TMP
Camera 13	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 14	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 15	P1364-E-16mm	Axis	16mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	16		9	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 16	P1364-E-12mm	Axis	12mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	12		8	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	3	0,5	Cable TMP
Camera 17	P1364-E-12mm	Axis	12mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	12		8	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	2	0,5	Cable TMP
Camera 18	P1364-E-12mm	Axis	12mm	day/nigh t	1280	720	160*90; 1280*720;	16:9	OFF	5	No	10	12		8	https://www. axis.com/pro ducts/axis-p1 364-e	3,5	2	0,5	Cable TMP

4 Camera models

Table 2. Camera model table

Parameter				Camera models					
Name				P1364-E	M1124	Q3709-PVE	M3058-PLV E	P1364-E-16 mm	P1364-E-12 mm
Producer				Axis	Axis	Axis	Axis	Axis	Axis
Key Feature				d/n 720p indoor	d/n 720p indoor	3 sensors 180 deg	fisheye	16mm	12mm
Type	Output			Ethernet 100Mbit	Ethernet 100Mbit	Ethernet 100Mbit	Ethernet 100Mbit	Ethernet 100Mbit	Ethernet 100Mbit
	Color			day/night	day/night	day/night	day/night	day/night	day/night
Image sensor	Number of pixels	Horiz.		1280	1280	3840	4000	1280	1280
		Vert.		720	720	2880	3000	720	720
		List		160*90;1280*720;	160*90;1280*720;	320*240;3840*2880;	160*160;4000*3000;	160*90;1280*720;	160*90;1280*720;
	Coridor mode								
Built-in IR	IR			No	No	No	No	No	No
	Max distance			0	0	0	0	0	0
Lens	Type			standard	standard	megapixel resolution	fisheye	standard	standard
	Focal length	(mm)		6	6	5	1,3	16	12
		List / Range		2.8-8.5	3-10.5				
	Calculated angles	Hor.	(deg.)	43,6	43,6	63,3	142	17,1	22,6
		Vert.	(deg.)	25,4	25,4	49,7	131	9,65	12,8
	Distortion	Model.		No	No	No	No	No	No
PTZ camera	PTZ			No	No	No	No	No	No
Multisensor camera	Multi- sensor					Yes			
	Sensors in line			1	1	3	1	1	1
Power supply	Voltage (V)			12	12	12	12	12	12
	Source			PoE	8-28V PoE	PoE	PoE	PoE	PoE
Case	Protection			outdoor	indoor	outdoor	outdoor	outdoor	outdoor
	Form								

Table 2. Camera model table. Continuation

Provider	CCTVShop	CCTVShop	CCTVShop	CCTVShop	CCTVShop	CCTVShop
Cost	10	5	30	15	9	8
Add. Costs 1						
Number of cameras	1	2	1	1	8	5
Total cost	10	10	30	15	72	40
Photo	yes	yes	yes	yes	yes	yes
Internet link	https://www.axis.com/products/axis-p1364-e	https://www.axis.com/products/axis-m1124	https://www.axis.com/products/axis-q3709-pve	https://www.axis.com/products/axis-m3058-plve	https://www.axis.com/products/axis-p1364-e	https://www.axis.com/products/axis-p1364-e



Fig.63. P1364-E



Fig.64. M1124



Fig.65. Q3709-PVE



Fig.66. M3058-PLVE



Fig.67. P1364-E-16mm



Fig.68. P1364-E-12mm

5 Cameras summary

5.1 Number of cameras: 18.

5.2 Camera filter is not set.

5.3 Sorting cameras is disabled.

5.4 Number of lens focal lengths: 6.

- 5mm: 2;
- 5,88mm: 1;
- fisheye lens: 1;
- 6mm: 1;
- 12mm: 5;
- 16mm: 8;

5.5 Number of camera resolutions: 3.

- 1280*720: 16;
- 4000*3000: 1;
- 3840*2880: 1;

5.6 Number of camera models: 6.

- M1124: 2;
- M3058-PLVE: 1;
- P1364-E: 1;
- P1364-E-12mm: 5;
- Q3709-PVE: 1;
- P1364-E-16mm: 8;

5.7 Total cost of cameras: 177,00 .

6 Monitors



Fig.69. Monitor 1

7 Cables summary


Table 3. Cable table


Cable type	Cables of cameras m.	Main cable m.	Total length m.
Cable TMP	146	198	344
Cable RTP	395	63,5	458
Control cable	20,4	0	20,4
Signal cable	107	0	107
Twisted pair	499	0	499


8 Pixel density patterns


8.1 Home Office Scientific Development Branch 2009 (arbitrary resolutions)

 Monitor and Control (20pix/obj)

 Detect (40pix/obj)

 Observe (100pix/obj)

 Recognise (200pix/obj)

 Identify (400pix/obj)


Direction= Vertical


Object height= 1,64 m

Height of measuring Pixel density= AUTO


8.2 European Standard EN 62676-4 2015

 Monitoring (12pix / m)

 Detection (25pix / m)

 Observation (62pix / m)

 Recognition (125pix / m)

 Identification (250pix / m)

 Strong identification (1000pix / m)

Direction= Vertical

Height of measuring Pixel density= AUTO

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9 Conclusion

Here may be an arbitrary Conclusion of the report. It may consist of many pages. The Conclusion is loaded from a plain text file as well as the Introduction. HTML tags are recognized.

An arbitrary file in PDF format can be attached after the Conclusion.

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