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**Design Comments**

## HD NVRs

NAME	MODEL	EXPANSIONS	STORAGE	TOTAL DATA	STORAGE TIME	STATUS
Storage 1	VMA-AS3-8P2-EU	n/a	1.9 TB	8.39 Mbps	455 days 15 hours	Valid

## HDSM Smart Cameras

NAME	MODEL	STORAGE	QTY	LENS	FL. (MM)	IMAGE RATE	DAILY RECORDING CYCLE	IMAGE QUALITY	MAX BANDWIDTH	HDSM SMARTCODEC		
										ENABLED	STRENGTH	MIN IMAGE RATE
Camera 1	320S-H4A-THC-BO24	Storage 1	1	Built-In Lens, 9.1 mm, f/1.0 Athermalized	9.1	9	24	Quality 6	2.10 Mbps	X		
Camera 2	320S-H4A-THC-BO24	Storage 1	1	Built-In Lens, 9.1 mm, f/1.0 Athermalized	9.1	9	24	Quality 6	2.10 Mbps	X		
Camera 3	320S-H4A-THC-BO50	Storage 1	1	Built-In Lens, 4.3 mm, f/1.0 Athermalized	4.3	9	24	Quality 6	2.10 Mbps	X		
Camera 4	320S-H4A-THC-BO50	Storage 1	1	Built-In Lens, 4.3 mm, f/1.0 Athermalized	4.3	9	24	Quality 6	2.10 Mbps	X		

## Scene Details

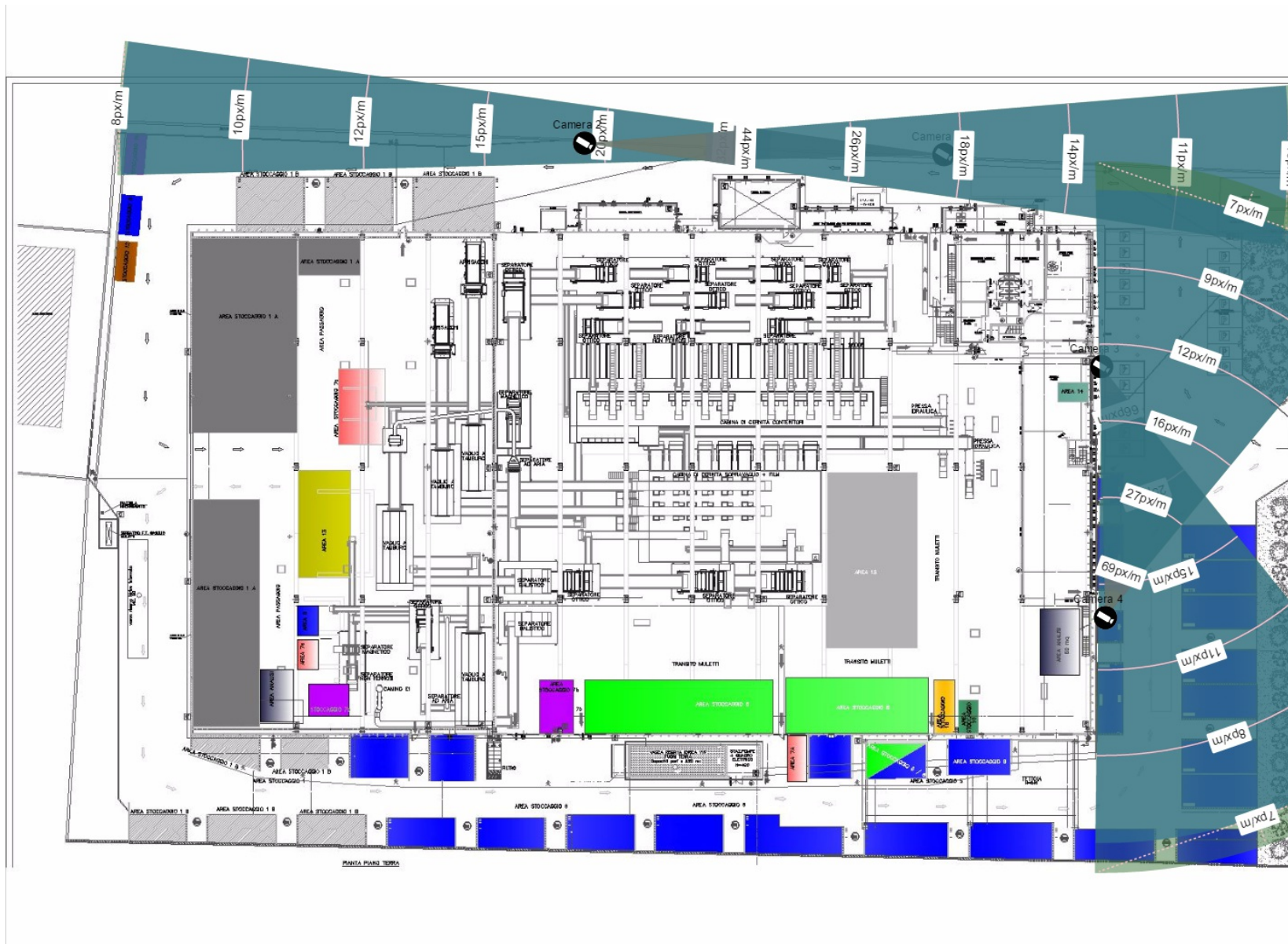
NAME	MOUNTING HEIGHT (M)	TARGET HEIGHT (M)	TARGET DISTANCE (M)	SCENE WIDTH (M)	MOUNTING ANGLE	MAXIMUM DISTANCE (M)	PX/M
Camera 1	4	1.8	98.1	37	85	180.8	8.6
Camera 2	4	1.8	83.8	31.6	83.3	154.5	10.1
Camera 3	4	1.8	56.6	45.4	71.1	104.4	7
Camera 4	4	1.8	50.8	40.8	70.3	93.7	7.8

**Storage 1**

Model: VMA-AS3-8P2-EU

Record Times

MODEL	QTY	TOTAL DAYS	FULL DAYS	HALF DAYS	QUARTER DAYS	LOW RES. DAYS
320S-H4A-THC-BO24	1	455 days 15 hours	455 days 15 hours			0 days 0 hours
320S-H4A-THC-BO24	1	455 days 15 hours	455 days 15 hours			0 days 0 hours
320S-H4A-THC-BO50	1	455 days 15 hours	455 days 15 hours			0 days 0 hours
320S-H4A-THC-BO50	1	455 days 15 hours	455 days 15 hours			0 days 0 hours



## Reference Image



Reference images are captured under ideal conditions. Poor lighting, increased compression, or use of a lower quality lens will affect the quality of the images captured.