County landfill Gator cameras

2 Cameras with 4TB NVR to cover the Gator vehicles when they are parked after hours.

MVP

Version 1.0

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This must be a turnkey system with all accessories and Licensing needed to operate the system. we will provide the switch and port to connect to our network for remote viewing.

On-Premises Deployment

1	0	2	0
Storages	Accessories	Cameras	Licenses

Storages

Name	Part number	Storage	Used Bandwidth	Max bandwidth
Storage 1	ENVR2-PLUS-8P4-NA	3.6 TB	19 Mbps	96 Mbps

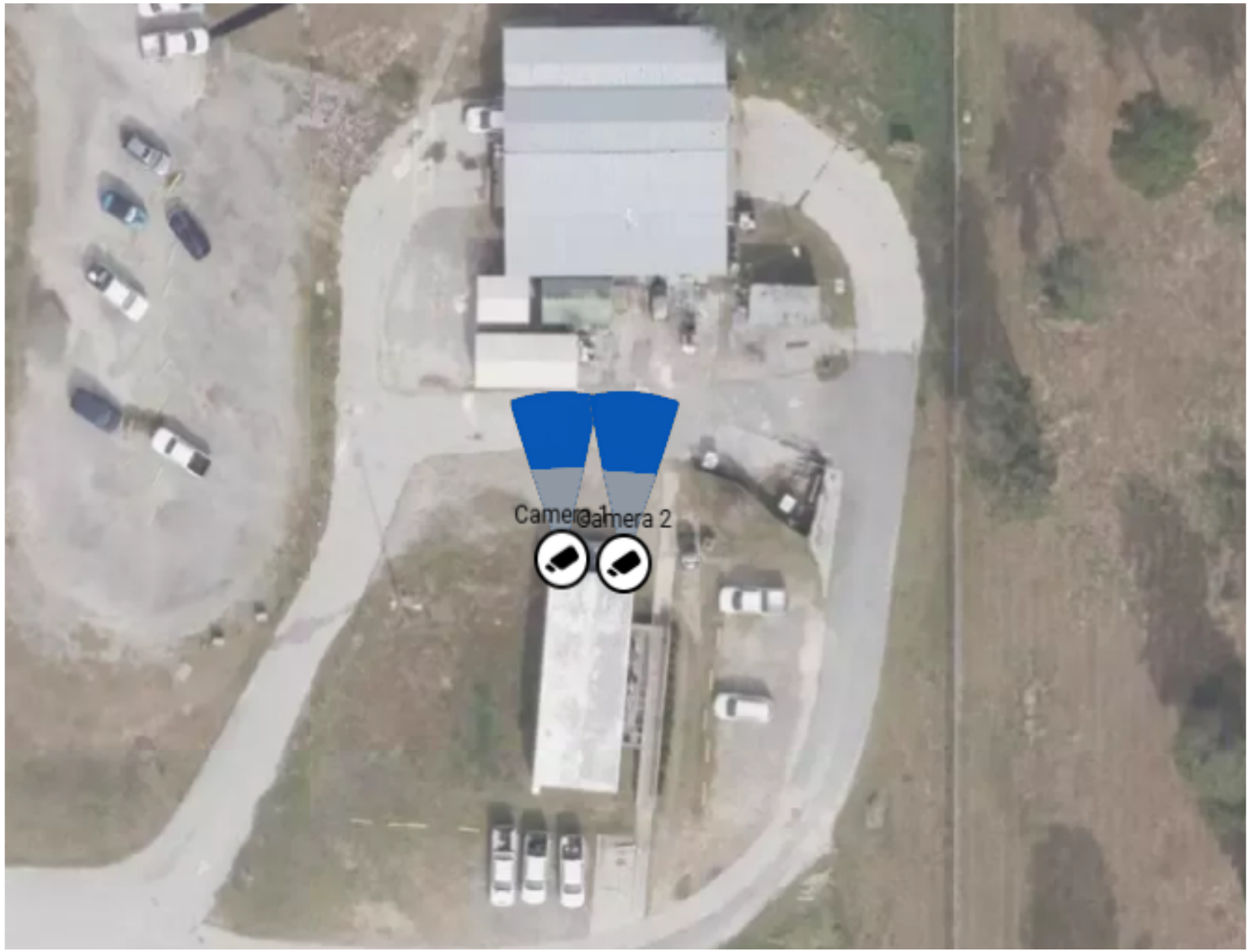
Cameras

Name	Part number	Quantity
Camera 1	8.0C-H6X-BO2-IR	1
Camera 2	8.0C-H6X-BO2-IR	1

Storages

Name	General Processing	AI Compute	Video Decoder
Storage 1	0%	0%	0%

Admin TrailerbBy Haz Mat area



Storage 1



ENVR2-PLUS-8P4-NA

Storage Settings
H.264/H.265 Data Aging:
41 d 8 h for Primary Stream, 0 d 0 h for Secondary Stream
RAID level:
Total effective capacity: 3.60 TB
Total recording bandwidth: 96.00 Mbps
Number of used channels: 2

Assigned devices

Name	Model	Quantity	Image rate	Keyframe interval	Image quality	Bandwidth	Total days	Storage	HDSM SmartCodec™		
									Enabled	Strength	Min image rate
Camera 1	8.0C-H6X-BO2-IR	1	30	30	6	9.67 Mbps	41 d 8 h	1.80 TB	-	-	-
Camera 2	8.0C-H6X-BO2-IR	1	30	30	6	9.67 Mbps	41 d 8 h	1.80 TB	-	-	-

Camera 1

Quantity: 1



General

8.0C-H6X-BO2-IR
H6A Camera Line
8MP
6.91-214.64mm
31x zoom
Outdoor Bullet
IR
AdaptAI Video Analytics

Accessories

-

Bandwidth & Storage

Bandwidth calculation: Auto
Maximum bandwidth: 12 Mbps
Average bandwidth: 10 Mbps
Max record time: 41 d 8 h
Storage per day: 44 GB
Daily recording cycle: 10 hours

Camera Settings

Operation mode: Full feature
Wide Dynamic Range: Off
Format: H.264
Resolution: 8.0MP
Scene type: Low detail, low motion
Image quality: 6
Flicker control: 60Hz
Image rate: 30
Keyframe interval: 30

Scene Settings

Mounting height: 10.50 ft
Target height: 6.00 ft
Target distance: 43.47 ft
Scene width: 24.70 ft
Pixel density at target: 155 ppf
Desired pixel density at target: 60 ppf
Camera rotation: None
Mounting angle: 74.95°

Camera placement



Camera 2

Quantity: 1



General

8.0C-H6X-BO2-IR
H6A Camera Line
8MP
6.91-214.64mm
31x zoom
Outdoor Bullet
IR
AdaptAI Video Analytics

Accessories

-

Bandwidth & Storage

Bandwidth calculation: Auto
Maximum bandwidth: 12 Mbps
Average bandwidth: 10 Mbps
Max record time: 41 d 8 h
Storage per day: 44 GB
Daily recording cycle: 10 hours

Camera Settings

Operation mode: Full feature
Wide Dynamic Range: Off
Format: H.264
Resolution: 8.0MP
Scene type: Low detail, low motion
Image quality: 6
Flicker control: 60Hz
Image rate: 30
Keyframe interval: 30

Scene Settings

Mounting height: 10.50 ft
Target height: 6.00 ft
Target distance: 44.69 ft
Scene width: 25.43 ft
Pixel density at target: 151 ppf
Desired pixel density at target: 60 ppf
Camera rotation: None
Mounting angle: 75.09°

Camera placement





Identification

250ppm/76ppf



Recognition

125ppm/38ppf



Observation

62ppm/19ppf



Detection

25ppm/8ppf



Monitoring

12ppm/4ppf

Reference images are taken under optimal conditions. Poor lighting, heavy compression, or the use of a low-quality lens will impact the quality of the captured images.