

DMS Drive Identification APIs

Camera APIs			Authorization Header		
			SAI-Key : <Camera-API-Key>		
Sr. No.	Name	Path Params	Body Params	Query Params	Response
1	Get Endpoint Details	endpointId (int64)			Returns all the details of a particular Endpoint identified by a unique Endpoint ID
2	Get Device Details By Serial Number	deviceSerialNumber (int64)			Provides all the details including endpointId of the camera
3	Get all events generated			endpointId (int64) , startTime (int64 Time stamp in milliseconds) , endTime (int64 Time stamp in milliseconds), trigger (string), search (string), offset(int32), size(int32)	Get all the events generated by the camera in ascending order by time
4	Get event by Id	eventId (string)			Use this API to get the details of a particular Event
5	Retrieve Recordings	id (endpointId)		from (int64 Time stamp in milliseconds), to(int64 Time stamp in milliseconds)	Use this API to retrieve Recording from the Cloud and the Edge
6	Make Recording request		endpointId (int64), startTime (int64 Time stamp in milliseconds)		Use this API to make a Recording Capture Request
7	Recording Request Status	id (string unique id received from make recording API)			Use this api to get status of previous recording requests

Face Recognition APIs			Authorization Header Empty		
			In Header Mentioned below		
Key			Value		
X-API-KEY			String API_KEY received during project creation		
X-TIMESTAMP			String Epoch timestamp in milliseconds		
X-SHA512-HASH			String sha512 hash of API_KEY+SECRET_KEY+TIMESTAMP Python `hashlib.sha512(str(API_KEY+SECRET_KEY+TIMESTAMP).encode("utf-8")).hexdigest()`		
Sr. No.	Name	Path Params	Body Params	Query Params	Response
1	Create Face		faceset_id (string), name(string), project_id(string)		Register faces using base64 string of image or pre-signed image URL. If multiple images are sent then all image's embedding vector will be merged together
2	Get Faces			faceset_id(string)	Provides us with all the available and registered faces / Drivers.
3	Get Face By Id	faceset_id			
4	Delete Face	id_(string)			Provides all the details including endpointId of the camera
5	FaceLookUp		faceset_id (string), lookup_request_landmark(Array of Object (sequence(string))),lookup_request_face(Array of object (sequence(string), base64string(string)))		Provides best matched face with its face token which is a response for create face api