ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L76265 – VIDEO PROCESSOR

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1 Introduction

1.1 Asset Details

Class Code: L76265

Class Name: Video Processor

Class Lineage: Construction Products>Services>Safety and security information systems>Closed circuit television systems (CCTV)>Video Processor

1.2 Description

A Video processor is a device to improve the definition of video signals by performing the following tasks for example:

- aspect ratio control
- digital zoom and pan
- brightness/contrast/hue/saturation/sharpness/gamma adjustments
- frame rate conversion
- color point conversion
- color space conversion
- noise reduction
- detail enhancement
- edge enhancement
- motion compensation

Video processors may be used in the DOO CCTV system.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

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Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

2.1 Example Images

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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Height (Millimetres)	Millimetres	NU	0		External Height of processor
Length (Millimetres)	Millimetres	NU	0		Length of processor
Depth (Millimetres)	Millimetres	NU	0		The Depth (front to back) of the processor
Weight (Kilograms)	Kilograms	NU	2		Overall weight of unit
Input Voltage (Volts)	Volts	NU	0		Input voltage to the video processor unit.

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
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