



UTMC-TS004.0062:2015

UTMC Objects Registry Addendum: ANPR Data Model

15 March 2015

Cover + 5 pages

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Foreword

This document is Annex D.2 of UTMC Technical Specification 004 version 0061 (TS004.0061:2010). It is an integral part of, and should be read in conjunction with, that document.

This document provides class UML diagrams for ANPR applications, which form the data model for the UTMC XML specification for ANPR (separately available).

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1 Introduction

1.1 General

- 1.1.1 UTMC TS004 defines standards for UTMC "common data" (i.e. data communicated between applications of a UTMC system, or between a UTMC system and an external system). These provide for the use of mainstream data transfer protocols, with an increasing recent focus being on XML schema.
- 1.1.2 For ANPR the data exchange between centre and field device – ie ANPR camera and associated on-street processing systems – is unusually sophisticated. For this application, therefore, we have adopted an XML protocol directly to the field.
- 1.1.3 This document provides the UML models that abstract the UTMC XML for ANPR.

2 ANPR Package

2.1 Diagrams

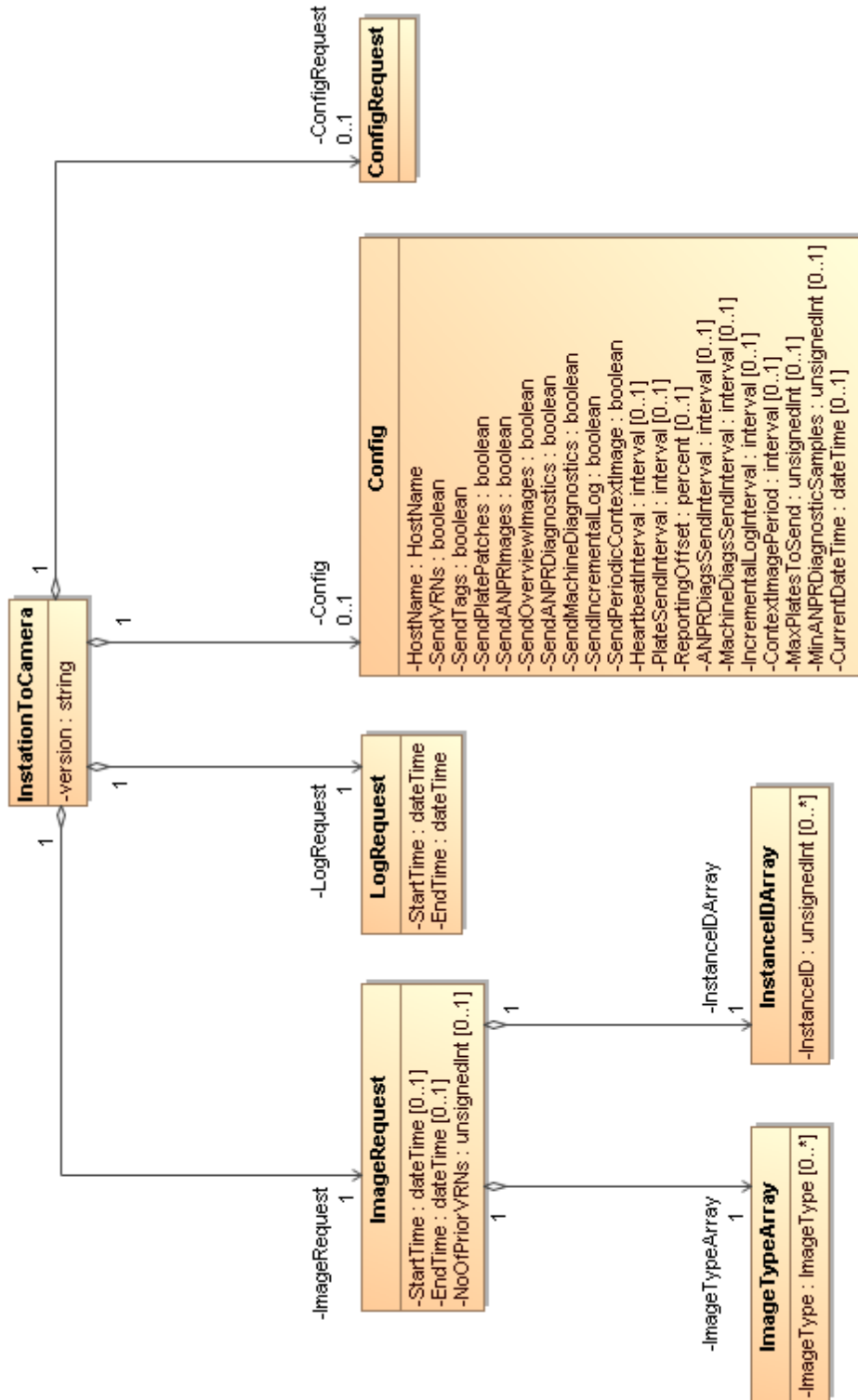


Figure 3-1: ANPR class diagram – centre to camera

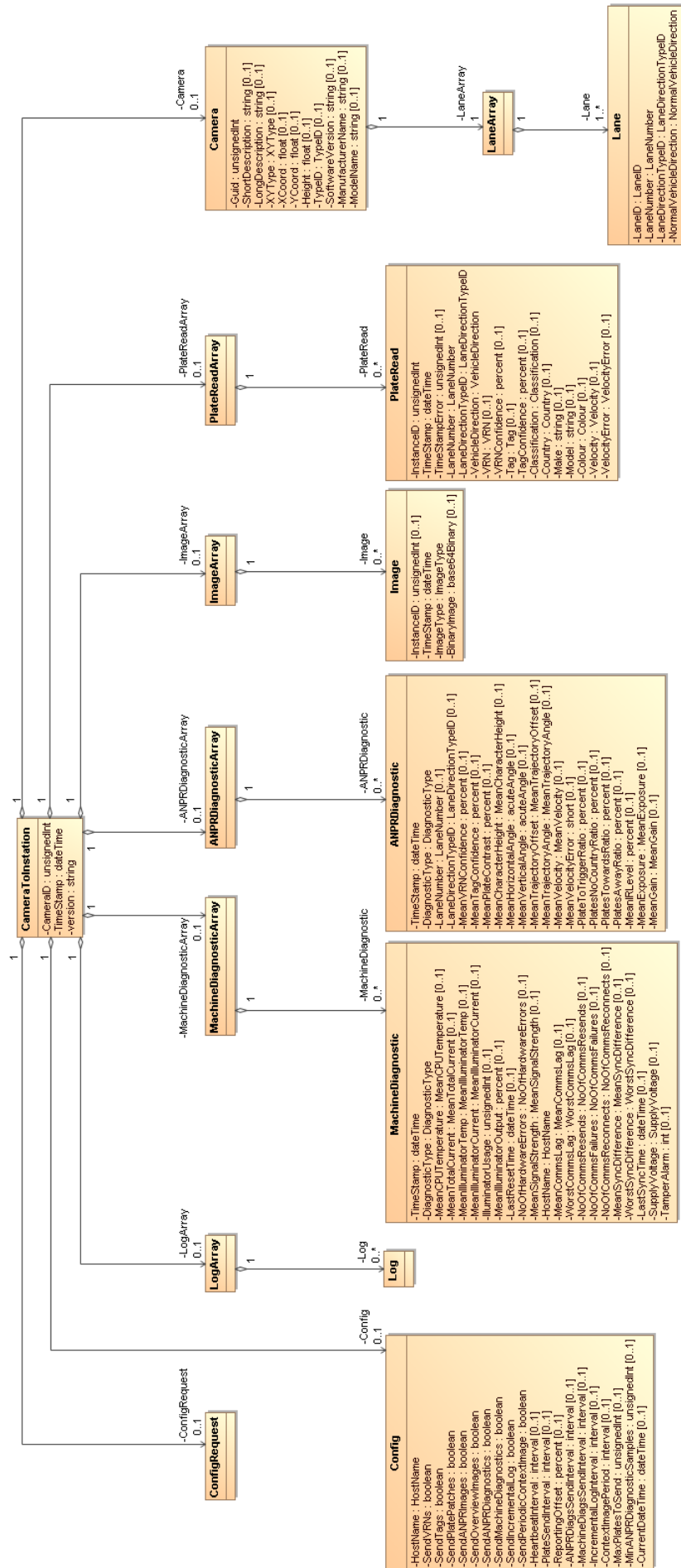


Figure 3-2: ANPR class diagram – camera to centre