



CAPMES
for Car position measurement | MONOxD

<i>CONTENT</i>	OPERATOR-TRAINING	MAINTAINER-TRAINING
INTRODUCTION TO IMAGE PROCESSING		X
MEASURING PRINCIPLE OF POSITION MEASUREMENT / MEASURING SEQUENCE	X	X
USER INTERFACE	X	X
USER ADMINISTRATION		X
STRUCTURE OF THE SYSTEM, CONTROL CABINET	X	X
CAMERAS AND LAMP ARRANGEMENT	X	X
INTERFACES		X
DATA STRUCTURE		X
OUTPUTS/LOG FILES	X	X
INTERPRETATION OF ERROR OUTPUTS	X	X
DATA BACKUP		X
PROGRAMMING THE SOFTWARE		X
STRUCTURE OF THE DATA TREE		X
PROGRAMMING INTERFACE		X
TEACHING AND PARAMETERISATION		X
PARAMETERISING DETECTION MODELS		X
SETTING LIMIT VALUES AND OFFSETS		X
ERROR DETECTION USING LOG FILE ENTRIES AND ERROR IMAGES	X	X
CLEANING THE PROTECTIVE GLASS ON THE CAMERA AND LAMP HOUSING	X	X
REPLACING LUMINAIRES AND LAMPS		X
ZERO MEASUREMENT		X
POSITION AND ATTACHMENT OF THE CALIBRATION PANEL(S)		X
CHECKING THE CALIBRATION		X
CALIBRATION WITH 'LIVE IMAGE'		X
DESCRIPTION OF THE PROCEDURE FOR A ZERO MEASUREMENT WITH ROBOT AND ISRA SYSTEM		X
ALIGNMENT OF COORDINATE SYSTEMS OF THE ISRA SYSTEM AND THE ROBOT		X
ZERO MEASUREMENT WITH ROBOT AND ISRA SYSTEM		X

Order number	Description	
CPM.MO.01	Operator training	One-day course max. 5 participants
CPM.MO.02	Maintenance training	Two-day course max. 5 participants