

ISO 20380:2017-11 (E)

Public swimming pools - Computer vision systems for the detection of drowning accidents in swimming pools - Safety requirements and test methods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	2
4.1	General	2
4.2	Technical study	2
4.3	Performance requirements	3
4.3.1	Alarm set off time	3
4.3.2	Areas covered	3
4.3.3	Detection performance	3
4.3.4	False alarm rates	4
4.4	Data communication and management	4
4.4.1	General	4
4.4.2	Alarm data	4
4.4.3	Operational data	4
5	Test methods	5
5.1	General	5
5.2	Non-detection test	5
5.2.1	Non-detection test preparation	5
5.2.2	Non-detection test procedure	5
5.3	Detection test	6
5.3.1	General	6
5.3.2	Detection test conditions	6
5.3.3	Test preparation	7
5.3.4	Distribution of detection measurements during the test	7
5.3.5	Detection test measurement protocol	9
5.4	Test report	10
6	Regular testing	11
6.1	Daily testing	11
6.2	Half-yearly testing	11
7	Trained staff manual	12
8	Maintenance	12
Annex A (informative)	Typical rescue scenario	13
Bibliography		15