

Contents

1	Introduction	1
1.1	Objective	2
1.2	Approach	2
2	Background	3
2.1	VID Technology	3
2.2	Codes and Standards	6
3	Environmental and Hazard Parameters	9
3.1	Statistical Data	9
3.1.1	Warehouses/Distribution Centers	10
3.1.2	Large Industrial Applications	10
3.1.3	Atrium	15
3.2	Industry Workshop	16
3.2.1	Warehouses/Distribution Centers	16
3.2.2	Large Industrial Applications	18
3.2.3	Atriums	19
3.3	End User and Site Information	20
4	Discussion	27
4.1	Fire Sources	28
4.1.1	Warehouse/Distribution Centers	29
4.1.2	Large Industrial (Petrochemical and Electric Power Plants)	29
4.1.3	Atriums	30
4.1.4	Summary of Fire Sources	31
4.1.5	False/Nuisance Sources	31

4.2 Environment 32

4.3 System Variables. 34

4.4 Comparison to Other Detection Systems. 36

5 Conclusions 39

6 Future Work 41

Appendix A: NFPA 72-2007 Code Requirements 43

Appendix B: VID System Workshop 47

References 55

Video Image Detection Systems Installation
Performance Criteria

Gottuk, D.T.

2008, VI, 56 p. 10 illus., Softcover

ISBN: 978-1-4614-4201-1