

ISO/IEC 30128:2014-11 (E)

Information technology - Sensor networks - Generic Sensor Network Application Interface

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	4
5	Conventions	4
6	Overview of sensor network applications	4
6.1	Communication model	4
6.2	Sensor network client operations	6
7	Overview of sensor network capabilities	11
8	Security considerations	11
9	Data model of sensor data and metadata	11
10	Generic sensor network application interface specification	12
10.1	Overview of generic sensor network application interface	12
10.2	Mandatory operations	15
10.3	Optional operations	21
Annex A (informative) Sensor Network Description (example)		32
Annex B (informative) Sensing Type and Measurement Unit Specification (Sample)		35
Bibliography		37