

ISO/IEC 30118-5:2018-11 (E)

Information technology - Open Connectivity Foundation (OCF) Specification - Part 5: Smart home device specification

Contents		Page
1	Scope	5
2	Normative references	5
3	Terms, definitions symbols and abbreviations	5
3.1	Terms and definitions	5
3.2	Symbols and abbreviations	6
3.3	Conventions	6
4	Document conventions and organization	6
4.1	Notation.....	6
4.2	Data types	7
4.3	Document structure	7
5	Operational Scenarios.....	8
5.1	Specification Version	8
6	Core Resource model.....	9
6.1	Introduction	9
6.2	Device Type	9
6.3	Profile of OCF Core Specification	9
7	Discovery	10
7.1	Endpoint Discovery.....	10
7.2	Resource Discovery.....	10
8	Security.....	10
9	Device Types	10
9.1	Standardized device types.....	10
9.2	Standardized enumeration values	14
9.3	Alphabetical list of standardized enumeration types.....	14
9.4	Standardized list of supported values for Mode Resource Type (oic.r.mode)	17
9.5	Standardized list of supported values for Operational State Resource Type (oic.r.operational.state).....	18
9.6	Standardized list of supported values for Consumable and Consumable Collection Resource Types (oic.r.consumable, oic.r.consumablecollection)	20
9.6	Camera Media Format (oic.r.media).....	21

Figures

Figure 1 Smart Home device building blocks.	8
--	---

Tables

Table 6-1 Required Resources for Smart Home Devices	9
Table 6-2 Required Properties in Resource	10
Table 9-1 Alphabetical list of device types ("rt"), including required Resources.....	11
Table 9-2 list of required oic.r.mode supported values per device type ("rt")	17
Table 9-3 list of required oic.r.operational.state supported values per Device Type ("rt")	18
Table 9-4 list of defined enumeration values for oic.r.consumable, oic.r.consumablecollection.....	21
Table 9-5 Recommended media profiles.....	22