

## 許可済み電子機器リスト / List of Confirmed Electronic Devices

(2021年4月1日現在 / As of 01APR, 2021)

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
※1	PT300D	Sendum Wireless Corporation	All aircrafts operated by JAL, J-AIR, JAC, JTA, and ATR operated by HAC
※2	Real-Time Logger CO 10.01	Controlant	All aircrafts operated by JAL, J-AIR, JAC, JTA and RAC, and ATR operated by HAC
※3	SenseAware 3000	Federal Express Services	All aircrafts operated by JAL, J-AIR, JAC and JTA
※4	Sentry500 Flightsafe	OnAsset	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
※5	Intel Connected Logistics Platform (GWS-CSCG及びGWS-CSCG-TAG)	Intel Corporation	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
※6	Parcelive	Hanhaa	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
※F7	BeeSense	Roambee	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
※F8	TT-7000Tive Solo 5G (TT-7000)	Tive, Inc.	All aircrafts operated by JAL, J-AIR, JAC and JTA
※F9	Scout Uno	Culvert Engineering	All aircrafts operated by JAL, J-AIR, JAC, JTA and RAC, and ATR operated by HAC
※F10	TempTale Geo Ultra	Sensitech Inc.	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC

※通信用の電波を発生しますが、通信機能は離陸から着陸まで自動停止することが確認されている電子機器です。  
This device will emit radio waves for wireless communication, but it will stop automatically during flight.

※これらの機器は使用時間の制限なく、常時使用可です。  
No limitation of using time. Always usable.

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
1	TRANSCAVE	山田精密工業株式会社 (YAMASEI Co.,LTD)	JAL運航便全機材 / All aircrafts operated by JAL
2	SK SATO (PC-3500)	株式会社佐藤計量器製作所 (SATO KEIRYOKI MFG CO.,LTD.)	JAL運航便全機材 / All aircrafts operated by JAL
3	おんどり TR-81 (Thermo Recorder TR-81)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
4	おんどり TR-51S (Thermo Recorder TR-51S)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
5	おんどり TR-52S (Thermo Recorder TR-52S)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
6	おんどり TR-71U (Thermo Recorder TR-71U)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
7	おんどり TR-72U (Thermo Recorder TR-72U)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
8	おんどり TR-73U (Thermo Recorder TR-73U)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
9	おんどり TR-51i (Thermo Recorder TR-51i)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
10	おんどり TR-52i (Thermo Recorder TR-52i)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
11	おんどり TR-55i-TC (Thermo Recorder TR-55i-TC)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
12	おんどり TR-55i-Pt (Thermo Recorder TR-55i-Pt)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL

13	おんどり TR-55i-V (Thermo Recorder TR-55i-V)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
14	おんどり TR-55i-mA (Thermo Recorder TR-55i-mA)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
15	おんどり TR-55i-P (Thermo Recorder TR-55i-P)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
16	おんどり TR-71nw (Thermo Recorder TR-71nw)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
17	おんどり TR-72nw ((Thermo Recorder TR-72nw)	株式会社ティアンドデイ (T&D Corporation.)	JAL運航便全機材 / All aircrafts operated by JAL
18	G-MEN DR01	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
19	G-MEN DR100	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
20	G-MEN DR10a	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
21	G-MEN DR20	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
22	G-MEN DR02a	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
23	e-ネコセキュリティボックス (e-neko security box)	ヤマトシステム開発株式会社 (Yamato System Development Co.,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
24	TempTale4	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
25	TempTale4 Probeless Dry Ice Monitor(T11012168)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
26	TempTale4 Humidity	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
27	TempTale4 USB(T11011980)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
28	TempTale4 USB Dry ICE(T11012155)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
29	TempTale4 Multi-Alarm Monitor(T11012180)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
30	TempTale4 USB Multi-Alarm Monitor(T11012179)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
31	TempTale Mini(T11010310)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
32	FreezeAlert	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
33	ThermoAlert	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
34	Ryan EZT	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
35	Ryan CR-1	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
36	TempTale4 Bio (T11011590/T11011600)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
37	Ontrasys	トッパンフォームズ株式会社 (TOPPAN FORMS CO.,LTD.)	JAL運航便全機材 / All aircrafts operated by JAL
38	FlashLink CT-40HBデータロガー (FlashLink CT-40HB data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
39	FlashLink CT-80℃イントランジットデータロガー (FlashLink CT-80°C In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
40	FlashLink USBイントランジットデータロガー (FlashLink USB In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
41	FlashLink VUイントランジットデータロガー (FlashLink VU In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
42	FlashLink Miniイントランジットデータロガー (FlashLink Mini In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
43	FlashLink Miniリユースサブデータロガー (FlashLink Mini Multi Use data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
44	FlashLink USBリユースサブデータロガー (FlashLink USB data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
45	In-Transit Temperature Recorder 標準タイプ (In-Transit Temperature Recorder Standard)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
46	In-Transit Temperature Recorder 高温タイプ (In-Transit Temperature Recorder for High temperature)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
47	In-Transit Temperature Recorder 低温タイプ (In-Transit Temperature Recorder for Low temperature)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
48	FlashLink PDF イントランジットデータロガー (FlashLink PDF In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
49	FlashLink PDF マルチトリップデータロガー (FlashLink PDF Multi-Trip Data Logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
50	FlashLink Mini PDF イントランジットデータロガー (FlashLink Mini PDF In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
51	FlashLink USB PDF リユースサブデータロガー (FlashLink USB PDF Multi Use data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
52	FlashLink -80℃ USB PDF イントランジットデータロガー (FlashLink -80℃ USB PDF In-Transit data logger)	デルタトラックジャパン株式会社 (Deltatrak Japan)	JAL運航便全機材 / All aircrafts operated by JAL
53	輸送環境記録計 DER-1000 (Field Data Recorder DER-1000)	神栄テストマシナリー株式会社 (SHINYEI TESTING MACHINERY CO.,LTD. )	JAL運航便全機材 / All aircrafts operated by JAL
54	WATCH LOGGER KT-155F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
55	WATCH LOGGER KT-155U	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
56	WATCH LOGGER KT-175F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
57	WATCH LOGGER KT-115XLF	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
58	WATCH LOGGER KT-255F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
59	WATCH LOGGER KT-255U	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
60	WATCH LOGGER KT-275F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
61	WATCH LOGGER KT-215XLF	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
62	WATCH LOGGER KT-195F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
63	WATCH LOGGER KT-195U	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
64	WATCH LOGGER KT-295F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
65	WATCH LOGGER KT-295U	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
66	WATCH LOGGER KT-215LF	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
67	WATCH LOGGER KT-155F/EX	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
68	Testo 174T	株式会社テスター (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
69	BioBox	株式会社スギヤマゲン (SUGIYAMA-GEN CO.,LTD.,)	JAL運航便全機材 / All aircrafts operated by JAL
70	サーモクロンGタイプ (Thermochron Type G)	株式会社KNラボラトリーズ (KN Laboratories, Inc.)	JAL運航便全機材 / All aircrafts operated by JAL
71	Xpress PDF	Emerson (旧 PAKSENSE,Inc)	JAL運航便全機材 / All aircrafts operated by JAL
72	Tempod MP	TempSen Electronics Company	JAL運航便全機材 / All aircrafts operated by JAL
73	Go Contact	Emerson (旧 PakSense)	JAL運航便全機材 / All aircrafts operated by JAL
74	ペンダントロガー(CX500/MX100 Temperature Logger) UA-001-08	Onset Computer Corporation	JAL運航便全機材 / All aircrafts operated by JAL
75	ペンダントロガー(CX500/MX100 Temperature Logger) UA-001-64	Onset Computer Corporation	JAL運航便全機材 / All aircrafts operated by JAL
76	ペンダントロガー(CX500/MX100 Temperature Logger) UA002-08	Onset Computer Corporation	JAL運航便全機材 / All aircrafts operated by JAL
77	ペンダントロガー(CX500/MX100 Temperature Logger) UA002-64	Onset Computer Corporation	JAL運航便全機材 / All aircrafts operated by JAL
78	ペンダントロガー(CX500/MX100 Temperature Logger) UA-004-64	Onset Computer Corporation	JAL運航便全機材 / All aircrafts operated by JAL
79	DS1921G	Maxim Integrated Products	JAL運航便全機材 / All aircrafts operated by JAL
80	DS1922L	Maxim Integrated Products	JAL運航便全機材 / All aircrafts operated by JAL
81	DS1925L	Maxim Integrated Products	JAL運航便全機材 / All aircrafts operated by JAL
82	SAVER 3X90	Lansmont Corporation	JAL運航便全機材 / All aircrafts operated by JAL
83	LIBERO Ti1-S	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
84	LIBERO Ti1	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
85	LIBERO Ti1-L	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
86	LIBERO CD	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL

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87	LIBERO Te1-U	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
88	LIBERO Te1-N	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
89	LIBERO Te1-NY	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
90	LIBERO Te1-P	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
91	LIBERO Te1-PY	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
92	LIBERO Te1-PS	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
93	LIBERO THi1-S	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
94	LIBERO THi1	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
95	LIBERO THi1-Y	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
96	LIBERO Ti1-D	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
97	LIBERO CS	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
98	LIBERO CB	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
99	LIBERO CI	ELPRO-BUCHS AG	JAL運航便全機材 / All aircrafts operated by JAL
100	DHL Smart Sensor RFID	DHL	JAL運航便全機材 / All aircrafts operated by JAL
101	U-Sensor	Carta Sense	JAL運航便全機材 / All aircrafts operated by JAL
102	Single Use Cold Chain PDF Logger	AZ Instrument	JAL運航便全機材 / All aircrafts operated by JAL
103	c/temp AA	Marathon Products, Inc.	JAL運航便全機材 / All aircrafts operated by JAL
104	c/temp AA DSC	Marathon Products, Inc.	JAL運航便全機材 / All aircrafts operated by JAL
105	c/temp AA DLT	Marathon Products, Inc.	JAL運航便全機材 / All aircrafts operated by JAL
106	edl-CO2	Marathon Products, Inc.	JAL運航便全機材 / All aircrafts operated by JAL
107	Dual-RF TAG <①BDT01-LC40 ②BDT01-EP40>	トッパンフォームズ株式会社 (TOPPAN FORMS CO.,LTD.)	JAL運航便全機材 / All aircrafts operated by JAL ※航空モード設定時のみ利用可能 / Usable by Flight mode
108	Q-Tag CLm docL (E006/030)	Berlinger	JAL運航便全機材 / All aircrafts operated by JAL
109	Hygrochron (品番1923)	株式会社KNラボラトリーズ (KN Laboratories, Inc.)	JAL運航便全機材 / All aircrafts operated by JAL

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
110	TRIX-8 Multi-Use Temperature Recorder	Log Tag Recorders Ltd	JAL運航便全機材 / All aircrafts operated by JAL
111	WATCH LOGGER KT-165F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
112	WATCH LOGGER KT-265F	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
113	TempTale Ultra Dry Ice Probe(T11012595)	Sensitech Inc.	All aircrafts operated by JAL and JTA
114	G-MEN NR50a	株式会社スリック (SRIC Corporation)	JAL運航便全機材 / All aircrafts operated by JAL
115	TempTale Ultra(T11012390)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
116	サーモクロン SL タイプ	株式会社KNラボラトリーズ (KN Laboratories, Inc.)	JAL運航便全機材 / All aircrafts operated by JAL
117	ITAG4 Bio	Tempsen	JAL運航便全機材 / All aircrafts operated by JAL
118	testo184 T4-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
119	PC-3300	株式会社佐藤計量器製作所 (SATO KEIRYOKI MFG CO.,LTD.)	JAL運航便全機材 / All aircrafts operated by JAL
120	ATR700	富士フイルム富山化学株式会社 (FUJIFILM Toyama Chemical Co., Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
121	TS500	富士フイルム富山化学株式会社 (FUJIFILM Toyama Chemical Co., Ltd.)	JAL運航便全機材 / All aircrafts operated by JAL
122	TRIX-16 HIGH MEMORY CAPACITY TEMPERATURE LOGGER	Log Tag Recorders Ltd	JAL運航便全機材 / All aircrafts operated by JAL
123	testo184 T1-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
124	testo184 T2-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
125	testo184 T3-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
126	WebLogger II	TSS	JAL運航便全機材 / All aircrafts operated by JAL
127	TempTracer 2	TSS	JAL運航便全機材 / All aircrafts operated by JAL
128	TESTO 184 T4	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
129	testo184 H1-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL
130	testo184 G1-Temperature Data Logger	株式会社テストー (Testo K.K.)	JAL運航便全機材 / All aircrafts operated by JAL

No.	電子機器名 Product Name	製造会社 Manufacture	使用可能機材 Usable aircrafts
131	TEMPOD 30	TempSen	JAL運航便全機材 / All aircrafts operated by JAL
132	Tag Alert (T11012097)	Sensitech Inc.	JAL運航便全機材 / All aircrafts operated by JAL
133	サーモレコーダーミニ RT-23S	エスベックミック株式会社 (ESPEC MIC Corp.)	JAL運航便全機材 / All aircrafts operated by JAL
134	Core Pallet Tag (Model:PLT001)	CORE Transport Technologies	JAL運航便全機材 / All aircrafts operated by JAL
135	Core Standard Tag (Model:STD001)	CORE Transport Technologies	JAL運航便全機材 / All aircrafts operated by JAL
136	エレキセル	株式会社スギヤマゲン	JAL運航便全機材 / All aircrafts operated by JAL
137	K T - 1 9 5 U / G X	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
138	K T - 2 9 5 U / G X	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
139	K T - 1 9 5 F / G X	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
140	K T - 2 9 5 F / G X	株式会社藤田電機製作所 (Fujita Electric Works,Ltd.)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
141	SkyCell Savy Sensor	Sky Cell AG	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
142	G-SWITCH	株式会社スリック (SRIC Corporation)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
143	Sentinel100(Sentinel100/100L/100A/100B/100S)	OnAsset	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
144	G-MEN GP100	株式会社スリック (SRIC Corporation)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
145	G-MEN GP20	株式会社スリック (SRIC Corporation)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
146	エチレンガス検知器 KEP0005-001/ Ethylene Sensor KEP0005-001	日本特殊陶業株式会社 (NGK Spark Plug CO.,LTD.)	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
147	TempTale Ultra Probeless Dry Ice(T11012800)	Sensitech Inc.	JAL及びJ-AIR全機材 / All aircrafts operated by JAL and J-AIR
148	BDT01-LC196	トッパンフォームズ株式会社 (TOPPAN FORMS CO.,LTD.)	JAL及びJ-AIR全機材 / All aircraft of JAL and J-AIR
149	3C/TEMP-RH	MARATHON PRODUCTS, INC	JAL及びJ-AIR全機材 / All aircraft of JAL and J-AIR
150	G-MEN GR100	株式会社スリック (SRIC Corporation)	JAL及びJ-AIR全機材 / All aircraft of JAL and J-AIR
151	G-MEN GR20	株式会社スリック (SRIC Corporation)	JAL及びJ-AIR全機材 / All aircraft operated by JAL and J- AIR
152	LIBERO CE	ELPRO-BUCHS AG	JAL及びJ-AIR全機材 / All aircraft of JAL and J-AIR
153	e-WAVES(LP1-S) ※電波を発しないモードでの使用に限定	太平洋工業株式会社 (Pacific Industrial CO.,LTD.)	All aircrafts operated by JAL, J-AIR JAC and JTA, and ATR operated by HAC
155	BeeBeecon	Roambee	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
156	BeeBeacon Plus	Roambee	All aircrafts operated by JAL, J-AIR, JAC and JTA, and ATR operated by HAC
157	LBBC0ZZ2AM-690	株式会社村田製作所 (Murata Manufacturing CO., LTD.)	All aircrafts operated by JAL and J-AIR
158	C/Temp USB-80C	MARATHON PRODUCTS INC.	All aircrafts operated by JAL and J-AIR



159	RuuviTag	Ruuvi Innovations	All aircrafts operated by JAL, J-AIR, JAC, JTA and RAC, and ATR operated by HAC
161	TempTale Ultra Fit(T11012930)	Sensitech Inc.	All aircrafts operated by JAL, J-AIR, JAC, JTA and RAC, and ATR operated by HAC

※これらの機器は使用時期の制限なく、常時使用可です。  
No limitation of using time. Always usable.