Confusion matrix (rows = true label, columns = predicted label):

True \ Predicted	Amazon Echo	August Doorbell Cam	Awair air quality monitor	Belkin Camera	Belkin Wemo switch	Belkin wemo motion sensor	Blipcare Blood Pressure meter	Canary Camera	Dropcam	Google Chromecast	HP Printer	Hello Barbie	Insteon Camera	Light Bulbs LiFX Smart Bulb	NEST Protect smoke alarm	Nest Dropcam	Netatmo Welcome	Netatmo weather station	Non-IoT	PIX-STAR Photo-frame	Phillip Hue Lightbulb	Ring Door Bell	Samsung SmartCam	Smart Things	TP-Link Day Night Cloud camera	TP-Link Smart plug	TPLink Router Bridge LAN	Triby Speaker	Withings Aura smart sleep sensor	Withings Smart Baby Monitor	Withings Smart scale	iHome	unknown maybe cam
Amazon Echo	1982	0	0	0	0	0	0	0	0	0	0	0	1	11	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0
August Doorbell Cam	5	188	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1804	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Awair air quality monitor	0	0	445	34	0	0	0	0	0	3	0	0	1	0	369	0	1	0	1107	0	0	16	0	0	0	8	9	0	0	0	0	0	0
Belkin Camera	0	0	0	1011	0	1	0	0	0	9	0	0	1	0	0	0	2	0	904	0	0	0	2	0	1	52	1	8	0	0	0	0	0
Belkin Wemo switch	0	0	0	0	1987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0
Belkin wemo motion sensor	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blipcare Blood Pressure meter	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canary Camera	402	412	2	5	0	0	0	301	0	217	1	0	2	0	0	2	41	2	564	0	14	0	12	8	0	0	0	3	0	0	0	0	1
Dropcam	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Google Chromecast	0	232	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1762	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Printer	0	0	0	0	0	0	0	0	0	0	1874	0	0	0	0	0	20	0	60	1	35	0	0	0	0	0	0	4	0	0	0	0	0
Hello Barbie	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insteon Camera	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Light Bulbs LiFX Smart Bulb	0	0	0	0	0	0	0	0	0	0	0	0	0	1052	0	0	0	0	410	0	0	0	0	0	0	536	0	0	0	0	0	0	0
NEST Protect smoke alarm	0	0	0	13	0	1	0	0	0	0	0	0	0	0	1436	0	0	0	1	0	0	24	1	0	0	0	0	1	0	0	0	0	0
Nest Dropcam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netatmo Welcome	5	0	0	0	0	0	0	3	0	0	10	0	0	0	0	1	1923	0	43	0	0	0	0	0	11	0	0	0	0	0	0	0	0
Netatmo weather station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-IoT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13321	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIX-STAR Photo-frame	0	4	0	0	5	0	0	169	0	0	263	93	0	0	2	0	19	83	48	1165	1	3	0	0	3	16	0	3	44	0	22	48	0
Phillip Hue Lightbulb	13	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	1946	0	0	0	0	0	0	0	0	0	0	0	0
Ring Door Bell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0
Samsung SmartCam	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	623	0	0	0	1368	0	0	0	0	0	0	0	0	0	0
Smart Things	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	0	0	0	0	1860	0	0	0	0	0	0	0	0	0
TP-Link Day Night Cloud camera	1	0	0	63	0	0	0	0	0	3	0	0	94	404	0	0	0	8	221	0	0	0	3	0	1110	85	0	0	0	0	0	0	0
TP-Link Smart plug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1997	0	0	0	0	0	0	0
TPLink Router Bridge LAN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	1986	0	0	0	0	0	0
Triby Speaker	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	1894	23	0	0	0	0
Withings Aura smart sleep sensor	0	0	0	17	0	0	0	0	0	0	0	0	0	0	94	0	0	0	0	51	0	0	584	0	0	41	0	0	55	1154	0	0	0
Withings Smart Baby Monitor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0
Withings Smart scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1534	0	0
iHome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0
unknown maybe cam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67