

Table 2: Feature Points on the Human Face

Feature	Part of the face
1	Left corner of the left eyebrow
2	Right corner of the left eyebrow
3	Left corner of the right eyebrow
4	Right corner of the right eyebrow
5	Midpoint of the two eyes
6	Tip of the nose
7	Corner of left nostrils
8	Corner of right nostrils
9	Upper center of lip-line
10	Left corner of the lips
11	Midpoint of the lower lip line
12	Right corner of the lips
13	Uppermost central forehead
14	Lowermost point of the chin
15	Left hairline
16	Right hairline
17	Left cheek line
18	Right cheek line
19	Left eye-pupil
20	Right eye-pupil
21	Upper tip of the ear
22	Lower tip of the ear

Figure 3: Feature Points

