opencv\_createsamples.exe -vec pos.vec -info pos.txt -num 584 -w 35 -h 35 pause

**opencv\_traincascade.exe -data xml -vec pos.vec -bg neg.txt -numPos 370 -numNeg 1000 -numStages 10 -w 20 -h 20 -mode ALL**

**opencv\_traincascade.exe -data xml -vec pos.vec -bg neg.txt -numPos 380 -numNeg 1200 -numStages 10 -w 20 -h 20 -mode ALL**

**opencv\_traincascade.exe -data xml -vec pos.vec -bg neg.txt -numPos 370 -numNeg 1200 -numStages 15 -featureType LBP -w 30 -h 30 -mode ALL**

opencv\_createsamples.exe -vec pos.vec -info pos.txt -num 306 –w 30 -h 30

**opencv\_traincascade.exe -data xml -vec pos.vec -bg neg.txt -numPos 520 -numNeg 1560 -numStages 10 -featureType LBP -w 35 -h 35 -minHitRate 0.997 -maxFalseAlarmRate 0.5 -mode ALL**