```
#ifdef PRECISION_HIGH
    #define p_t double
    #define EPSILON 0.000001
    #ifdef UNIT_KELVIN
        #define CONVERT(x) ((x) * 0.1 + 273.15)
    #else
        #define CONVERT(x) ((x) * 0.1)
    #endif
#else
    #define p_t float
    #define EPSILON 0.001f
    #define CONVERT(x) (x)
#endif

// Thermal mode and sensor macros
#ifdef MODE_THERMAL
    #define SENSOR_COUNT 3
    #ifdef SENSOR_ADVANCED
        #define READ_RAW(i) (300 + (i) * 10)
    #else
        #define READ_RAW(i) (200 + (i) * 8)
    #endif
#endif

void readSensor() {
#ifdef MODE_THERMAL
    for (int i = 0; i < SENSOR_COUNT; ++i) {
        p_t value = CONVERT(READ_RAW(i));
        if (value > EPSILON) printf("Sensor[%d] active: %.2f\n", i, value);
    }
#else
    printf("Thermal mode disabled.\n");
#endif
}
```