

External Flash Format

data_header_t

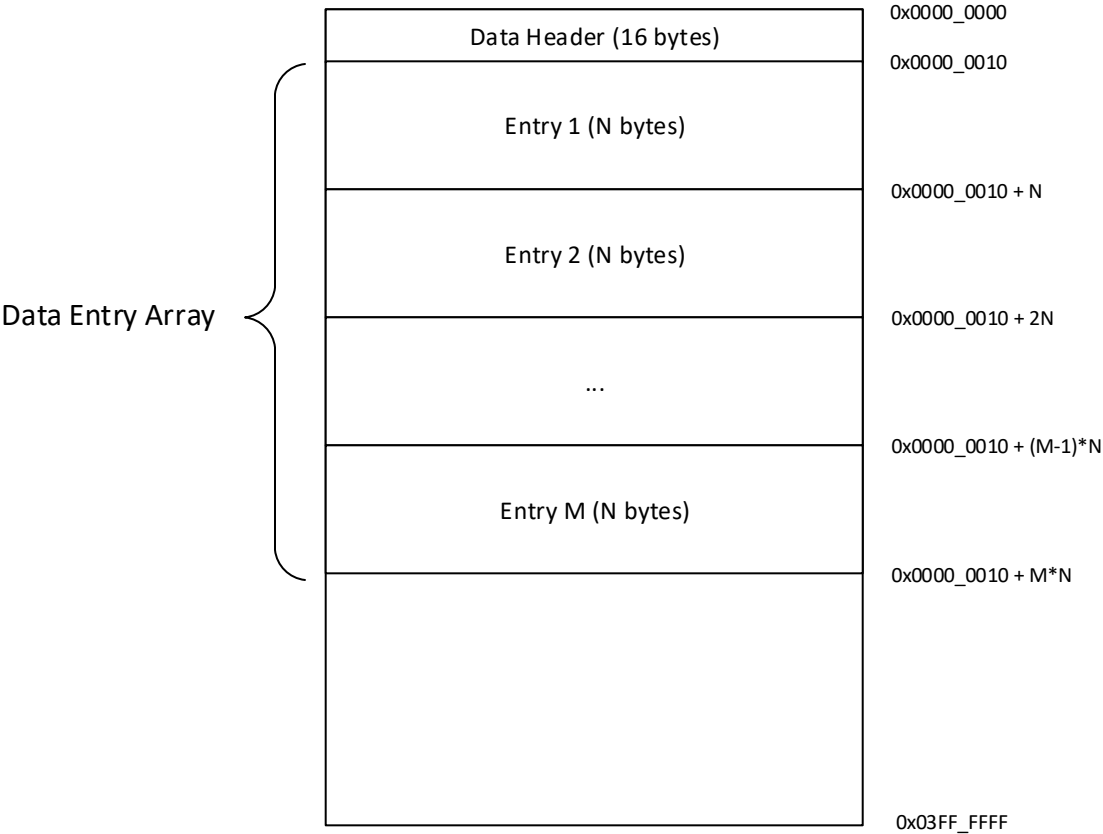
-magic_num : uint16_t
-version_str : uint8_t [0...9]
-entry_size : uint16_t
-num_entries : uint16_t

data_entry_t

-timer_count : uint32_t
-sensor1_data : sensor1_data_t
-sensor2_data : sensor2_data_t
...
-sensorN_data: sensorN_data_t

Magic Number: 0xCAFE
Version String: "DEBUG-XXX"
"RELEA-XXX"
Entry Size: N = sizeof(data_entry_t)
Num Entries: M

Memory Layout



Total size: 512Mb