**4.E9 DIAGNOSTIC FILE - (E9H)**

DIAGNOSTIC CODE - 4 BYTES (BCD)

DIAGNOSTIC SIZE - 2 BYTES (HEX)

scaleMode - 32 BYTES (CHAR)

scaleType - 32 BYTES (CHAR)

elDisplay - 4 BYTES (INTEGER)

(0 = W/O el; 1 = WITH el)

softwareVersion - 64 BYTES (CHAR)

subcpu1Version - 32 BYTES (CHAR)

subcpu1Devices - 128 BYTES (CHAR)

subcpu2Version - 32 BYTES (CHAR)

subcpu2Devices - 128 BYTES (CHAR)

subcpu3Version - 32 BYTES (CHAR)

subcpu3Devices - 128 BYTES (CHAR)

bootFlashVersion - 32 BYTES (CHAR)

bootLoaderVersion - 32 BYTES (CHAR)

osVersion - 128 BYTES (CHAR)

totalRam - 4 BYTES (INTEGER)

freeRam - 4 BYTES (INTEGER)

diskSpaceUsed - 4 BYTES (INTEGER)

diskSpaceUsedPercentage - 4 BYTES (INTEGER)

diskSpaceAvailable - 4 BYTES (INTEGER)

date - 4 BYTES (INTEGER)

time - 4 BYTES (INTEGER)

bootDate - 4 BYTES (INTEGER)

bootTime - 4 BYTES (INTEGER)

softwareUpdateDate - 4 BYTES (INTEGER)

softwareUpdateTime - 4 BYTES (INTEGER)

numberOfPlu - 4 BYTES (INTEGER)

irCount - 4 BYTES (INTEGER)

adCount - 4 BYTES (INTEGER)

spanSwitchStatus - 4 BYTES (INTEGER)

(0= SPAN SWITCH OFF; 1= SPAN SWITCH ON)

macAddress - 32 BYTES (CHAR)

ipAddress - 16 BYTES (CHAR)

gateway - 16 BYTES (CHAR)

subnet - 16 BYTES (CHAR)

dns - 16 BYTES (CHAR)

dns - 64 BYTES (CHAR)

printerFirmwareVersion - 32 BYTES (CHAR)

hasSecondPrinter - 4 BYTES (INTEGER)

printer1ThermalHeaderType - 32 BYTES (CHAR)

printer1ThermalHeaderUsageCount - 4 BYTES (INTEGER)

printer1GapMinValue - 4 BYTES (INTEGER)

printer1GapMaxValue - 4 BYTES (INTEGER)

printer1GapThresholdValue - 4 BYTES (INTEGER)

printer1GapSensorValue - 4 BYTES (INTEGER)

printer1PeelMinValue - 4 BYTES (INTEGER)

printer1PeelMaxValue - 4 BYTES (INTEGER)

printer1PeelThresholdValue - 4 BYTES (INTEGER)

printer1PeelSensorValue - 4 BYTES (INTEGER)

printer1PaperEndMinValue - 4 BYTES (INTEGER)

printer1PaperEndMaxValue - 4 BYTES (INTEGER)

printer1PaperEndThresholdValue - 4 BYTES (INTEGER)

printer1PaperEndSensorValue - 4 BYTES (INTEGER)

printer1Status - 4 BYTES (INTEGER)

printer2ThermalHeaderType - 32 BYTES (CHAR)

printer2ThermalHeaderUsageCount - 4 BYTES (INTEGER)

printer2Status - 4 BYTES (INTEGER)

BASESTATIONFirmwareVersion - 32 BYTES (CHAR)

PRINTER1 & PRINTER2 STATUS

BIT 1 – UNDER PRINTING

BIT 3 – THERMISTOR WARNING ON

BIT 4 – THERMAL HEAD PROBLEM

BIT 5 – LINERLESS ACTIVE

BIT 7 – CUTTER BUSY

BIT 8 – CASETTE OPEN

BIT 9 – HEAD OPEN

BIT 10 – PEPAR END

BIT 11 – LABEL SWITCH

BIT 12 – PEEL SENSOR

BIT 15 – PRINTER BUSY