

## Lemur-H Specifications



### General

**Print Method:** Direct Thermal  
**Print Speed:** up to 10" per second maximum

**Resolution:** 203 (8 dots/mm), 300 dpi (12 dots/mm) or 600 dpi (optional)

**Size:** 29,2H x 15,8W x 21,6L cm (11.5H x 7.3W x 8.5L inches)

**Weight:** 4,3 kg (9.5 lbs.)

### Media Transport

**Media Type:** individual tickets

**Ticket Thickness:** as ordered

**Ticket Width:** 2.12", 2.56", 3.25"

**Positioning:** Optical detector senses edge of ticket

### Interfaces

**Standard:** Serial, Parallel and USB

**Optional:** Ethernet, Bluetooth & Wi-Fi

### Protocols

**Standard:** FGL

**Printer Drivers:** Windows, Mac and Linux

### Approvals

Designed to meet: UL / FCC / CE / CCC / ENERGY STAR / RoHS

### RFID (optional)

ISO14443, ISO15693, UHF EPC Gen2  
Others available upon request

### Power Requirements

100-240 VAC, 50/60 Hz., 80W Max  
24 VDC, 100W max

### Power Consumption

Standby: 5W

Normal printing: 34W

### Environmental

**Operating Temperature:** -20° to 60°C\*

**Relative Humidity:** 10% to 90%

**Storage Temperature:** -40 to 70°C above specs without condensation

### Bar Codes

Most 1D and 2D codes including PDF417, Datamatrix, QR, Aztec

Full speed printing of picket fence and ladder bar codes

### Fonts

**Resident fonts:** 16 bitmapped fonts (including Cyrillic and German characters) and Oriental character sets (optional)

**Downloadable fonts:** HP Soft fonts / TrueType fonts

**Downloadable RAM:** up to 27MB

**Downloadable Flash:** up to 28MB (optional)

### Graphics

FGL format, PCX format (1bit b/w), BMP format (1bit b/w). All graphics may be printed live or stored for future use

### Web Interface - Ethernet only

Real-time status monitor (E-mail notification)

### Life Time:

**Print Head Life Time:** a minimum of 100 million activations per dot or 150 km of paper

### Warranty

All units -1 year, parts and labour.  
Print head - 90 days

**Life time print head warranty when using exclusively our tickets**

### Patents

BOCA has a patented head protection system that prevents premature head failure

\* Print speed may be affected at extreme temperatures