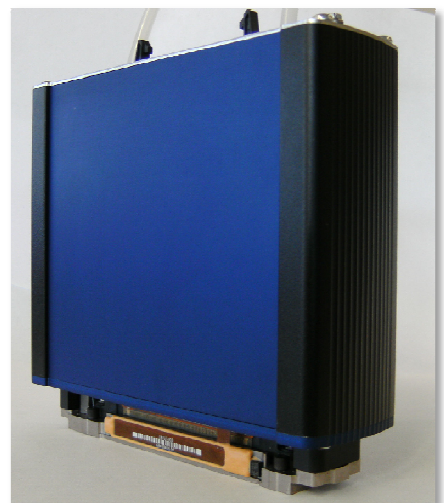


## Modular Printing System

by Jetmarker.com



## Key features

- Build array sizes from one to any number of heads
- Add any number of arrays from one to any number of arrays (colors)
- Vertical print resolution from 50 dpi to 200 dpi
- Horizontal print resolution from 1 dpi to 1200 dpi
- Print speed up to 50KHz, equaling approx. 6 meters per second at 200 dpi
- Easy to use programming interface
  - Readout of status information, print head temperatures
  - Setting of print head temperatures
  - Upload images directly to the arrays or into a print queue
  - Override temperature, nurse and dropwatch settings
- Server solution for setup, control and monitoring the system
  - Configuration of the system
  - Logging and reporting of status and error conditions
- Each print head controller (PHC) includes
  - 2 x 100Mbit TCP/IP switch for daisy chaining
  - 2 x RS485/RS422 ports
  - 1 x RS232 port
  - 1 x CAN bus
  - 6 x industry standard digital inputs
  - 8 x industry standard digital outputs
  - 8 x industry standard analog inputs
  - 2 x ink inlets
  - 16 x LED (three color) status indicators
  - Digital synchronous fire pulse output for dropwatching systems
  - Monitoring of all internal/external power supplies
- Control of external ink tank temperatures
- Use any FUJIFILM Dimatix print head
  - Individual adjustable fire curves include rise time, pulse width, fall time and amplitude
  - Nurse pulse settings for keeping the printing fluid alive during stops between prints