

## Technologies Explained – i-SENSYS MF5840dn, i-SENSYS MF5880dn, i-SENSYS LBP6300dn and i-SENSYS LBP6650dn

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### Common Technologies



#### Quick First-Print Technologies

Canon's superior Quick First-Print performance is due to three pioneering technologies. Canon's On-Demand Fixing Technology ensures the printer springs into action the moment users need it. Canon's high performance controller technologies provide rapid data processing, and energy-saving On-Demand EF Toners support the fixing process to ensure the highest quality prints. The benefits of Canon's Quick First-Print performance often outweigh many competitor models with a faster rated print speed.



#### On-Demand Fixing Technology

On-Demand Fixing Technology greatly improves heat transference through a thin fixing film and a line ceramic heater. This technology requires a short warm-up time, resulting in reduced energy consumption versus a conventional heat roller fixing system.



#### Built-in double-sided printing

The models come with a built-in duplex unit which enables automatic double-sided printing whilst producing professional looking documents with high-quality laser text and graphics on both sides of the page.



#### All-in-One Cartridge

Canon's All-in-One Cartridge system contains toner as well as a photosensitive drum, charging unit, cleaner and developer in one single compact unit. When the cartridge is replaced so are all these vital elements, ensuring that users get continuous high quality output. The All-in-One Cartridge minimises maintenance problems as users can replace the cartridge in seconds without any mess or hassle.

## **Automatic Image Refinement** Automatic Image Refinement (AIR)

The use of Automatic Image Refinement provides improved detail, sharp crisp text and smooth greyscales for professional looking documents.

### Remote User Interface

The Remote User Interface lets users and administrators remotely monitor and manage printer status effortlessly, directly over the network. Users can specify the IP address of the machine in a web browser, such as Internet Explorer, and the Remote User Interface will appear in the browser window allowing them to manage and control the machine.

## i-SENSYS LBP6300dn and i-SENSYS LBP6650dn

### **CAPT** Canon Advanced Printing Technology Canon Advanced Printing Technology (i-SENSYS LBP6300dn only)

Canon Advanced Printing Technology (CAPT) is Canon's enhanced host-based printing technology, which utilises a PC's CPU to handle the data rendering process which reduces the load on the printer CPU. This enables users to print pages containing a large volume of data using minimal printer memory, saving the user time.

### UFR II Ultra Fast Rendering printing architecture (i-SENSYS LBP6650dn only)

UFR II is Canon's proprietary page-description Language (PDL) which incorporates a load balancing capability for efficiently distributing data processing loads between the PC and the printer. This helps to achieve a higher processing speed than those using conventional architecture.

## i-SENSYS MF5840dn and i-SENSYS MF5880dn

### SEND functionality with compact PDF

Canon's SEND functionality with compact PDF provides faster, more efficient document distribution to e-mail addresses, network folders and USB memory keys. Compact PDF compression technology provides a smaller file size without compromising image quality, achieving up to 1/10<sup>th</sup> the size of the standard PDF compression algorithm.

## UFR II-LT Ultra Fast Rendering printing architecture

UFR II-LT is Canon's host based printing technology which is based on UFR II and uses the processing power and memory of modern day PCs to process the print job quickly and helps users save time.

## ID Management

Shared devices in open office environments have important implications on information security, cost control and monitoring. i-SENSYS MF5840dn and i-SENSYS MF5880dn offer three layers of added security to protect information as well as monitor and control costs; System Manager ID, Department ID Management and User ID Management. System Manager ID allows restrictions to be placed on storing or changing the system settings, Department ID Management enables full monitoring of usage and control of access to functionality by department, and User ID Management allows more advanced restriction of usage for each individual user.



## Duplex ADF Duplex Automatic Document Feeder

The 50-sheet Duplex Automatic Document Feeder (ADF) enables users to copy, scan and fax multiple single-sided and double-sided originals quickly and easily, improving productivity.