

Kornit Digital launches new HD printing technology for the Avalanche series

January 16, 2018

Avalanche HD6 and Avalanche HDK give a competitive edge to garment decorators with drastically reduced cost per print, high-definition image quality, improved hand feel and new software for advanced file preparation capabilities

ROSH HAAYIN, Israel--(BUSINESS WIRE)--Jan. 16, 2018-- Kornit Digital, (NASDAQ: KRNT), a global market leader in digital textile printing innovation, has announced the introduction of a new HD printing technology for its Avalanche platform of direct-to-garment printing systems.

This press release features multimedia. View the full release here: <http://www.businesswire.com/news/home/20180116006701/en/>



Avalanche HD6 (Photo: Business Wire)

The Avalanche HD6, the successor of the Avalanche Hexa, is equipped with Kornit's HD print engine and NeoPigment™ Rapid ink, which leads to significant reductions in ink consumption – and therefore cost per

print – in comparison to the company's existing Avalanche systems. The HD6 will reduce the ink consumption by up to 30% compared to the current "R-Series" version and up to 46% compared to the previous Non R-Series versions of the Avalanche Hexa. In addition, Kornit is launching an HD version of the Avalanche 1000 which will be called Avalanche HDK. The company also announced that existing Kornit customers now have an upgrade path for their Avalanche Hexa and Avalanche 1000 systems.

The new systems are the result of Kornit's experience gained from 15 years of direct-to-garment printing innovation and a very large installed base of systems. The new cost per print levels make the new HD systems an attractive choice for screen printers for print runs between one and 500 copies. The new systems are running with 4l bulk ink containers of Kornit's NeoPigment™ Rapid ink. This ink, which has been specifically developed for Kornit's HD technology, offers an improved gamut for spot and brand color matching, increased opacity and saturation of the white ink, as well as improved hand feel – an important requirement by screen printers. The print quality is further enhanced by ColorGATE's Professional RIP solution, adding advanced color management and screening capabilities, improved white base creation and pre-defined color libraries for ultimate color matching.

Both the HD print engine and the NeoPigment Rapid ink are used in Kornit's Vulcan system and have been field proven in a number of installations over the past year.

Omer Kulka, Kornit Digital's Vice President of Marketing and Product Strategy, comments, "Today's market trends put traditional screen printing service providers under pressure given increased demand for short run production with frequent inventory cycles, coupled with the online and direct-to-customer business models, the demand for personalized garments, and demand for shorter delivery times. Added to these trends is the current retail meltdown which particularly impacts fashion and apparel outlets. Kornit's HD technology, based on our 15 years of digital textile printing experience, provides an excellent and profitable alternative for print runs of one to 500 pieces with quick turnaround times."

Kornit's Avalanche platform represents the high productivity segment of Kornit's industrial direct-to-garment printing product family, providing customers with a multitude of system options for different application requirements. The Kornit Avalanche HD6 includes six color channels (CMYK, Red, Green) plus white, for a wider gamut and improved spot color matching. Users can easily reproduce the true colors of licensed sports teams and accurately match corporate logos with fiery reds, warm yellows, deep blues and greens, vivid purples and many more.

Designed for the mass production of garments, Kornit's Avalanche HD6 includes a patented architecture of dual bridge and dual pallet, designed to achieve optimal performance in an industrial production environment, and is a very robust platform designed for heavy duty use. The system operates at high speeds and provides excellent print quality.

The Avalanche HD6 is available for delivery during the first quarter of 2018 to be followed by the Avalanche HDK during the second quarter. Previous versions of the Avalanche Hexa and Avalanche 1000, with or without ink recirculation technology, are field upgradeable to the new HD versions and that way can benefit from the advantages of the NeoPigment™ Rapid technology.

The new Avalanche HD6 can be seen in live demonstrations at Kornit Digital's booth at the ISS Long Beach show, taking place January 19-21, as well as the TecStyle Visions show in Stuttgart, Germany, taking place February 15-17.

Kornit's state of the art NeoPigment™ meets the highest environmental regulations, including Oeko-Tex Standard 100 and GOTS V5 pre-approval. Suitable for printing on multiple fabric types, its versatility is unmatched. NeoPigment™ prints have an excellent hand feel, a wide gamut of bright and intense colors, as well as long-term durability and wash-fastness.

About Kornit Digital

Kornit Digital (NASDAQ:KRNT) develops, manufactures and markets industrial digital printing technologies for the garment, apparel and textile industries. Kornit delivers complete solutions, including digital printing systems, inks, consumables, software and after-sales support. Leading the digital direct-to-garment printing market with its exclusive eco-friendly NeoPigment printing process, Kornit caters directly to the changing needs of the textile printing value chain. Kornit's technology enables innovative business models based on web-to-print, on-demand and mass customization concepts. With its immense experience in the direct-to-garment market, Kornit also offers a revolutionary approach to the roll-to-roll textile printing industry: Digitally printing with a single ink set onto multiple types of fabric with no additional finishing processes. Founded in 2003, Kornit Digital is a global company, headquartered in Israel with offices in the USA, Europe and Asia Pacific, and serves customers in more than 100 countries worldwide. For more information, visit Kornit Digital at www.kornit.com.



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