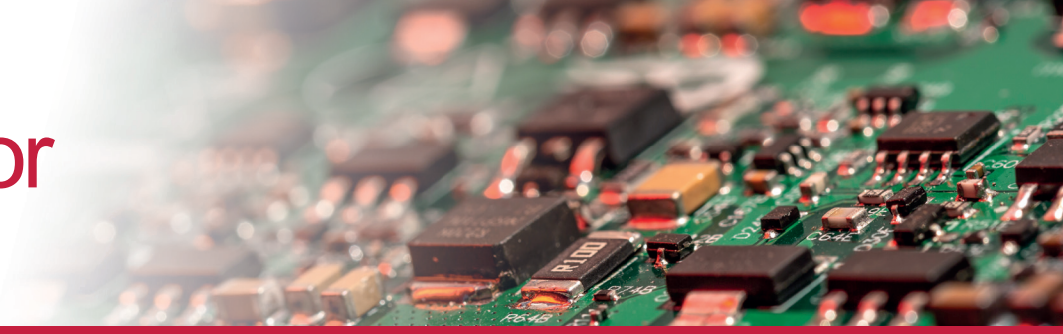
meteor



Datapath Solutions for FUJIFILM Dimatix® Printheads

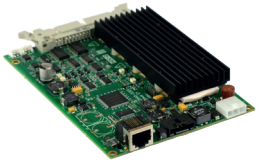
With a track of reliability and a reputation for technical expertise, Meteor helps customers realise the potential of industrial inkjet.

- Trusted and proven Dimatix partner since 2006
- Scalable electronics for systems of any size or complexity
- Powerful datapath and application software
- World-wide sales and support from industrial inkjet experts

Dimatix

METEOR PDS-2SBZ
For Samba (variable data)

METEOR HDC-SB
For Samba



METEOR HDC-Q
For Q-Class, Polaris

METEOR HDC-SF
For StarFire SG1024

METEOR HDC-SG600
For StarFire SG600

METEOR HDC-S
For Galaxy, Nova, S-Class

METEOR PDS-2SF600Z
For SkyFire® SF600

DIMATIX, SKYFIRE and the DIMATIX and SKYFIRE logos are trademarks and registered trademarks of FUJIFILM Dimatix, Inc. in various jurisdictions.

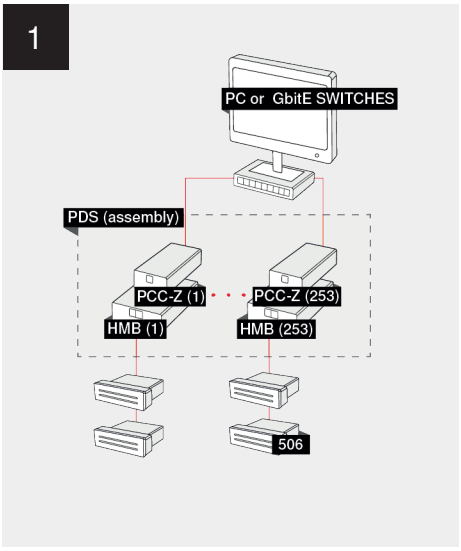
Architecture

Meteor electronics and associated software translate the bits and bytes of print data into firing instructions that inkjet printheads understand. Meteor electronics are available in five primary forms, head driver cards (HDCs), head management boards (HMBs), print controller cards (PCCs), print driver stacks (PDSs) and print driver cards (PDCs). HDCs are printhead specific and must be used in conjunction with a PCC. The PDS combines an HMB and a PCC into a dual-board, stacked configuration. A PDC offers HDC/PCC functionality in a single-board solution.

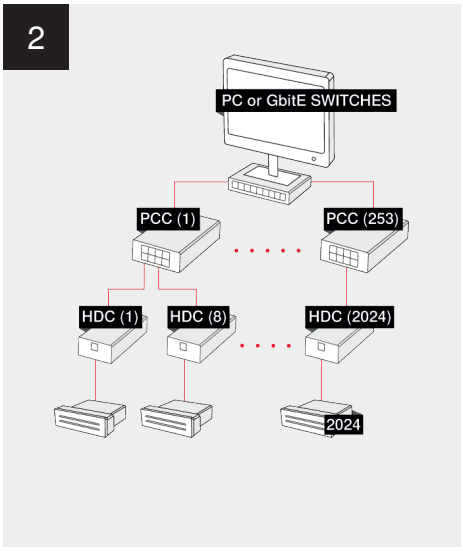
DIMATIX Printhead	Meteor Product	Meteor Model Number	Physical Dimensions (mm)	Architecture
Samba	Print Driver Stack	PDS-2SBZ	217 x 82 x 42	1
	Head Driver	HDC-SB	175 x 70 x 25	2
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
SkyFire® SF600	Print Driver Stack	PDS-2SF600Z	217 x 82 x 42	1
StarFire SG600	Head Driver	HDC-SG600	184 x 101 x 43	2
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
StarFire SG1024	Head Driver	HDC-SF	184 x 102 x 35	2
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
Q-Class	Head Driver	HDC-Q	140 x 100 x 19	3
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
Polaris	Head Driver	HDC-PQ	HDC-Q + adaptor board	2
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
Galaxy, Nova	Head Driver	HDC-S	129 x 89 x 20	2
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	
S-Class	Head Driver	HDC-S	129 x 89 x 20	3
	GbitE Print Controller	PCC-E / PCC3-E	160 x 100 x 31	

*Specifications may change without prior notice.

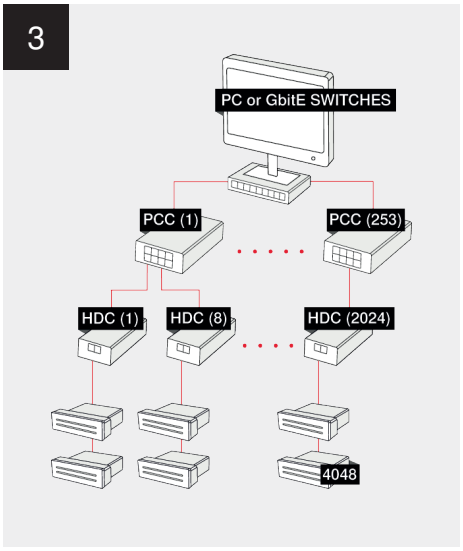
1



2



3



ALSO FROM METEOR: An extensive suite of industrial inkjet solutions and tools designed for job preparation, print system workflow and image quality enhancement

V.1.4

Meteor Inkjet Ltd is the leading independent supplier of industrial inkjet electronics, software, tools and services. Working closely with all major industrial inkjet printhead manufacturers. Meteor offers production-ready solutions to print system builders world-wide.

Meteor Inkjet Ltd
Harston Mill, Royston Road,
Cambridge, CB22 7GG, UK
enquiries@meteorinkjet.com
+44 3458 440012
www.meteorinkjet.com