ALL PROFESSIONAL PRODUCTS COMPARED[1]

FEATURES	ST2-PRO	D-MON| 4	D-MON| 6	D-MON| 8 D-MON| 12[2]	MC-PRO
Modularity	Fixed Configuration				Fully Modular
AUDIO IOs					
Analog Inputs	4 (XLR)	4 (SubD25)	8 (SubD-25)	8 (SubD-25)	4…16 (SubD-25)
Analog Outputs	4 (XLR)	8 (XLR) + 4 (SubD-25)	8 (XLR) + 4 (SubD-25)	8 (XLR) + 8 (SubD-25)	4…32 (SubD-25)
AES-3 Inputs (dual)	4ch (XLR)	8ch (SubD25)	8ch (SubD25)	16ch (SubD25)	4ch…32ch (SubD-25)
AES-3 Outputs (dual)	4ch (XLR)	8ch (SubD25)	8ch (SubD25)	16ch (SubD25)	4ch…32ch (SubD25)
AES-3 Insert (dual)	-	8ch (SubD25)			-
AES-10 (MADI)	-	-			16ch…64ch (BNC, FTTH)
48V Mic Inputs	-	2 (MPIO, XLR on optional breakout cable)			-
Heaphones Outputs	-	2ch (MPIO, 6.35F jack on optional breakout cable)			-
Wordclock IOs	48…96 kHz (BNC)	48…96 kHz (BNC)			48…192 kHz (BNC)
Time-Code	Via AES	1 input (MPIO, XLR on optional breakout cable)			Via AES
CONTROL					
GPIOs	4i/4o (option)	1i/2o			4i/4o or 8i/8o (option)
MIDI Protocol	No	Yes (MPIO, Din 45322 on optional breakout cable)			No
Icon Protocol (Avid)	No	Yes (MPIO, SubD-15 on optional breakout cable)			No
Eucon Protocol (Avid)	Yes (limited)	DMonApp 1.9 (MacOS)			Yes (limited)
Telnet Protocol	Yes	No			Yes
Ethernet Protocol	RJ45 & Wifi* (VNC)	RJ45 & Wifi* (Web & VNC)			RJ45 & Wifi* (VNC)
Miscellaneous	VGA/DVI, 4 to 6 USB (2.0) for direct access (kbd, mouse, screen) and memory stick				

[1] All specifications subject to change without prior notice * Wifi opeation requires an external device
[2] D-Mon|12 is specified with preliminary characteristics, product not available at the date of printing

FEATURES	ST2-PRO	D-MON| 4	D-MON| 6	D-MON| 8 D-MON| 12	MC-PRO
OPTIMIZER®					
Loudspeaker Channels	4	4	6	8	4…64
Current Version	3.8	4.0			3.8
Bass Management	Yes (3.8)	Yes (4.0)			Yes (3.8)
Cross-Over Filtering	Yes (max 2)	Coming soon			Yes (max 16)
Supported Speaker Set (ITU and/or SMPTE)	mono, stereo, 2.1, 3.0, 3.1, LCRS, 4.0	mono, stereo, 2.1, 3.1, 3.0, LCRS, 4.0	+ 5.0, 5.1	+ 7.0, 7.1 (DM12 to come with 7.1.4, 9.1, 11.1)	+ any other format up to 64 loudspeakers
IOs Routing	Across Optimizer only (latency)	Across a zero latency routing matrix and via Speaker Set assignments (latency)			Across Optimizer only (latency)
Extended Processing	Inputs & Outputs	Optimizer Outputs only			Inputs & Outputs
Downmix Matrix (unroutable)	to mono, stereo 4 x 4	to mono, stereo (soon coming) -			Customisable Up to 64 x 64
Dynamic Range Control	Yes	Yes (soon coming)			Yes
MONITORING CONTROL					
Source & Cue Input (various formats)	Up to 8	Up to 12	Up to 16	Up to 24	Up to 64
Zero Latency Outputs (Cue outputs)	-	Up to 16 (when 4 Opt.)	Up to 14 (when 6 Opt.)	Up to 24 (when 8 Opt.) Up to 20 (when 12 Opt.)	-
Routing Matrix (Mix Buses[3] incl.)	-	12 x 20 20 x 20	16 x 20 24 x 20	24 x 32 40 x 32	-
Internal Mixer[3]	-	12 x 8	16 x 12	16 x 16	-
Talk & Listen back calls	-	TB1 (slate and indiv.) TB2 (slate); LB1 & LB2 – all assignable			-
Headphones	-	Stereo (free/slave assignment, level, cut)			

[3] Internal Mixer soon coming for the D-Mon Series

FEATURES	ST2-PRO	D-MON| 4	D-MON| 6	D-MON| 8 D-MON| 12	MC-PRO
SMART-METER®	Option to specify for all products				
Available	Yes	Soon coming			Yes
Processor Metering Only	Yes	No			Yes
Metering Channels	4	4	6	8	4..64 (multiple sources allowed)
Multi-Session Support	Yes	Yes			Yes
Loudness Norm	EBU-R128, ITU-R BS.1770-3				
Display	640x800 (mutli-tabs)	To be specified			1280x1024 (multiview)
Loudness Tools	• Time-coded Timeline with Momentary, Short Term, Integrated, LRA, True Peak Max • Meters with Integrated, Short Term, Momentary, LRA, True Peak Max, Max S, Max M • Statistical Momentary Distribution with Target and Integrated • Overview for All Sources • Alerts Table and Locator • Comprehensive PDF Reports by Session, printable and/or saved on network • Time-Coded and/or Punch in/out and Manual Operations				
Meters	• RMS, Peak Program, Quasi-Peak, True Peak				
Surround-Scope	• Polygon, Star, Sound Provenance viewers				
Vector-Scope	• Phase-correlation Lissajous and meter viewer				