

TECHNICAL SPECIFICATIONS

MODEL	QDP 240-A	QDP 320-A	QDP 550-A
TYPE	Multiformat UDTV / HDTV LCD Monitor – 10 bit panel	Multiformat UDTV / HDTV LCD Monitor – 10 bit panel	Multiformat UDTV / HDTV LCD Monitor – 10 bit panel
SCREEN SIZE	24" wide format	32" wide format	55" wide format
ASPECT RATIO	16:9	16:9	16:9
NATIVE RESOLUTION	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
EFFECTIVE SCREEN SIZE	527,4 mm x 296,41 mm	1209,6 mm x 680,4 mm	1209,6 mm x 680,4 mm
DISPLAY COLORS	1.06 billion	1.06 billion	1.06 billion
BRIGHTNESS / MAX. BRIGHTNESS	80, 90, 95, 100 cd/m ² or User selectable conforms to EBU spec. – 350 cd/m ² max.	80, 90, 95, 100 cd/m ² or User selectable conforms to EBU spec. – 500 cd/m ² max.	80, 90, 95, 100 cd/m ² or User selectable conforms to EBU spec. – 500 cd/m ² max.
CONTRAST RATIO	1000:1	1400:1	1200:1
RESPONSE TIME	Response time 14 ms (gray to gray)	Response time 12 ms (gray to gray)	Response time 8 ms (gray to gray)
VIEWING ANGLE	H-178° / V-178°	H-178° / V-178°	H-178° / V-178°
GAMMA CORRECTION CONFORM TO EBU SPEC.	10 bit gamma correction 1.0, 1.5, 1.8, 2.0, 2.2, 2.35, 2.5 or User 1.0-5.0 in 0.05 steps	10 bit gamma correction 1.0, 1.5, 1.8, 2.0, 2.2, 2.35, 2.5 or User 1.0-5.0 in 0.05 steps	10 bit gamma correction 1.0, 1.5, 1.8, 2.0, 2.2, 2.35, 2.5 or User 1.0-5.0 in 0.05 steps
COLOR TEMPERATURE	3200 K / 5500 K / 6504 K / 9300 K or User from 3000-10000 K	3200 K / 5500 K / 6504 K / 9300 K or User from 3000-10000 K	3200 K / 5500 K / 6504 K / 9300 K or User from 3000-10000 K
SCALING	Scaling Native / 4:3 / 16:9 / Full Screen / User	Scaling Native / 4:3 / 16:9 / Full Screen / User	Scaling Native / 4:3 / 16:9 / Full Screen / User
MOTION ADAPTION	High performance motion detection filter, motion adaptive deinterlacer	High performance motion detection filter, motion adaptive deinterlacer	High performance motion detection filter, motion adaptive deinterlacer

MODEL	QDP 240-A	QDP 320-A	QDP 550-A
INPUT	4 x HD BNC 3G SDI (in 2 x SFP cages), fiber opt. 2 x BNC, 3G SDI 2 x HDMI 1.4 1 x DP 1.1	4 x HD BNC 3G SDI (in 2 x SFP cages), fiber opt. 2 x BNC, 3G SDI 2 x HDMI 1.4 1 x DP 1.1	4 x HD BNC 3G SDI (in 2 x SFP cages), fiber opt. 2 x BNC, 3G SDI 2 x HDMI 1.4 1 x DP 1.1
OUTPUT	1 x BNC, 3G SDI	1 x BNC, 3G SDI	1 x BNC, 3G SDI
AUDIO OUT	Analog Stereo (phone jack)	Analog Stereo (phone jack)	Analog Stereo (phone jack)
ETHERNET NETWORK	Remote control, color alignment, dyn. IMD and Tally / RJ-45, 10Base-T / 100Base-TX / 1000Base-T	Remote control, color alignment, dyn. IMD and Tally / RJ-45, 10Base-T / 100Base-TX / 1000Base-T	Remote control, color alignment, dyn. IMD and Tally / RJ-45, 10Base-T / 100Base-TX / 1000Base-T
AUX	4 pin RJ 10 connector, external keyboard	4 pin RJ 10 connector, external keyboard	4 pin RJ 10 connector, external keyboard
GPI	Static IMD and Tally, function key / 8 pole RJ 45 connector	Static IMD and Tally, function key / 8 pole RJ 45 connector	Static IMD and Tally, function key / 8 pole RJ 45 connector
POWER CONSUMPTION (± 5 % TOLERANCE)	min. 57 W, typ. 80 W, max. 200 W	min. 57 W, typ. 80 W, max. 200 W	min. 57 W, typ. 80 W, max. 200 W
AC	100-240 V AC 50 / 60 Hz	100-240 V AC 50 / 60 Hz	100-240 V AC 50 / 60 Hz
DIMENSIONS	554 mm x 330 mm x 79 mm	743 mm x 439 mm x 87 mm	1238 mm x 711 mm x 89 mm
WEIGHT EXCLUDING ND FILTER AND MOUNTING (± 3 % TOLERANCE)	8.2 kg	9.8 kg	23 kg
MOUNTING	VESA MIS-D, 100 x100, M4 x 10 mm, C	VESA MIS-D, 100 x100, M4 x 10 mm, C	VESA MIS-F, 200 200, M6 x 20 mm, C

