



# Professional Monitors

Model reference Diagonal size	Multi-format HD/SD professional LCD monitors						Large format HD LCD displays			3D LCD monitor			
	DT-V24G1 24"	DT-V21G11 21"	DT-V17G1 17"	DT-V9L3D 9"	DT-R24L41D 24"	DT-E17L4 17"	DT-E21L4 21"	GM-F520S 52"	GM-F470S 47"	GM-F420S 42"	DT-3D24G1 24"		
<b>Screen</b>	3G HD-SD/SDI and Dual HD-SDI SMPTE multi-format monitors						1.5G HD-SD/SDI multi-format		1.5G HD-SD/SDI multi-format monitors			Large-format full-HD displays	3D production monitor
Panel type	S-IPS	S-IPS	S-IPS	S-PVA	VA	TN panel	TN panel	S-IPS	S-IPS	S-IPS	S-IPS		
Backlight	CCFL	LED	CCFL	CCFL	CCFL	LED	LED	CCFL	CCFL	CCFL	CCFL		
Aspect ratio (image)	16:09	16:09	16:09	16:09	16:09	16:09	16:09	16:09	16:09	16:09	16:09		
Aspect ratio (screen)	16:10	16:09	16:09	16:09	15:09	16:09	16:09	16:09	16:09	16:09	16:10		
Resolution (active pixels)	1920 x 1200	1920 x 1080	1366x768	800 x 480	1920 x 1200	1920x1080	1920x1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1200		
Resolution (description)	W-UXGA	FHD	W-XGA	W-VGA	W-UXGA	FHD	FHD	VGA-FHD	VGA-FHD	VGA-FHD	W-UXGA		
Contrast ratio	1000:1	1000:1	900:1	400:1	1000:1	600:1	1000:1	2000:1	1000:1	1000:1	1000:1		
Brightness	400 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>		
Response time: G to G	8ms	9ms	9ms	-	5 ms	-	-	8ms	9ms	9ms	8ms		
Viewing angle: H / V	178° / 178°	178° / 178°	178° / 178°	170° / 170°	178° / 178°	160°/140°	170°/160°	178° /178°	178° /178°	178° /178°	178° / 178°		
Latency	< 1 frame	< 1 frame	< 1 frame	no delay	< 1 frame	< 1 frame	< 1 frame	~ 2 frame	~ 2 frame	~ 2 frame	< 1 frame		
<b>Input signals</b>													
HD/SD SDI	2x with loophthrough	2x with loophthrough	2x with loophthrough	2x with loophthrough	2x with loophthrough	2x with loophthrough	2x with loophthrough	-	-	-	2x with loophthrough		
DVI-D	with HDCP	with HDCP	with HDCP	-	with HDCP	-	-	with HDCP	with HDCP	with HDCP	with HDCP		
HDMI	-	-	-	-	-	HDMI connector x 1	HDMI connector x 1	-	-	-	-		
RGB/component - BNC	with loophthrough	with loophthrough	with loophthrough	-	-	-	-	Yes	Yes	Yes	-		
RGB/component - 15p D-sub	-	-	-	-	-	x1	x1	up to HD 1080	up to HD 1080	up to HD 1080	-		
Composite (CVBS)	2x with loophthrough	1x with loophthrough	1x with loophthrough	1x with loophthrough	2 x with loophthrough	1x with loophthrough	1x with loophthrough	Yes	Yes	Yes	-		
Audio - RCA	x2	x1	x1	x1	x2	x2	x2	Yes	Yes	Yes	x1		
<b>Remote controls</b>													
LAN IP	-	-	-	-	-	-	-	Yes	Yes	Yes	-		
RS-485	RJ-45 with loophthrough	RJ-45 with loophthrough	RJ-45 with loophthrough	-	RJ-45 with loophthrough	RJ-45 with loophthrough	RJ-45 with loophthrough	RJ-45	RJ-45	RJ-45	RJ-45 with loophthrough		
Make / trigger	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45		
RS-232C	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub	9p D-sub		
IR handset	-	-	-	-	-	-	-	Yes	Yes	Yes	-		
Front panel (manual)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes		
<b>Features</b>													
Vector	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes 3D Mode Dual Scope		
Waveform	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes 3D Mode Dual Scope		
UMD information	Manual & RS232	Manual & RS232	Manual & RS232	Manual & RS232	Manual & RS232	IMD function TSL 4.0	IMD function TSL 4.0	-	-	-	Manual & RS232		
Time code information	VITC/LTC/D-VITC	VITC/LTC/D-VITC	VITC/LTC/D-VITC	VITC	LTC/VITC	LTC, VITC, and D-VITC	LTC, VITC, and D-VITC	-	-	-	VITC/LTC/D-VITC (Dual and difference 3D)		
Key lock	x2 options	x2 options	x2 options	Yes	x2 options	x2 options	x2 options	-	-	-	x2 options		
Different gamma settings	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
3D signal format	-	-	-	-	-	-	-	-	-	-	Left and right / Sbs / LbL		
Special sensors	-	-	-	-	-	-	-	PIR	PIR	PIR	-		
Audio level meter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes		
Front LED dimmer	Yes	Yes	Yes	-	Yes	Yes	Yes	-	-	-	Yes		
3G format setting	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes		
Desktop stand supplied	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
1:1 pixel scanning	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
6,500°K / 9,300°K	Yes, plus 1x user	Yes, plus 1x user	Yes, plus 1x user	Yes, plus 1x user	Yes, plus 1x user	Yes	Yes	-	-	-	Yes, plus 1x user		
Calibration tool: gamma, °K	Yes	Yes	Yes	-	Yes	Yes	Yes	-	-	-	TBA		
Area markers	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes		
Colour on / off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes		
Timer	-	-	-	-	-	-	-	Yes	Yes	Yes	-		
Screen saver	-	-	-	-	-	-	-	Yes	Yes	Yes	-		
Multiscreen wall - Video	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes		
- PC	-	-	-	-	-	-	-	Yes	Yes	Yes	-		
Tally lamp	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes		
Built-in time based corrector	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes 2		
Measurement markers	-	-	-	-	-	-	-	-	-	-	Yes for depth, near and far		
<b>Optional accessories</b>													
19" EIA rackmountable, U	-	RK-C213D1GA	RK-C17D2EA 7U	RK-C9 (2 pcs) 4U	-	RK-C17D2EA/RK-C213D1GA	RK-C213D1GA	-	-	-	-		
Wall mount, V=vert, H=horiz	VESA 100	VESA 100	VESA 100	VESA 100/75	VESA 100	VESA 100	VESA 100	VESA 400x200, 400x400	VESA 400x200, 400x400	VESA 400x200, 400x400	VESA 100x100		
Protective screen	TS-W24F1	-	-	Provided	TS-W24F1	-	-	-	-	-	-		
<b>General</b>													
Power AC	120V & 220-240V	120V & 220-240V	120V & 220-240V	120V & 220-240V	120V & 220-240V	AC120V/220-240V,	AC120V/220-240V,	120 / 220 -240 V	120 / 220 -240 V	120 / 220 -240 V	120V & 220-240V, 50/60 Hz		
AC consumption - Watts	125W	52W	40W	17.5W	125W	42W	43W	400W	300W	245W	125W		
Power 12V DC (Amps)	-	-	12V DC (5.0A)	12V DC (1.7A)	-	12V DC	12V DC	-	-	-	24V-DC		
WxHxD (mm) without stand	564 x 408 x 99	515 x 347 x 99.8	430 x 309 x 102	222.4 x 176 x 116	564 x 408 x 99	430 x 309 x 102 mm	515 x 347 x 99.8 mm	1199.2 x 695.2 x 161.5	1075.2 x 620.4 x 151.2	963.6 x 556.6 x 151.2	564 x 408 x 99		
Weight (kg) without stand	8.7	6.1	6.8	2.7	8.6	5.6	6.2	40	29.8	25	9.1		

Errors & omissions excepted. Technical data may change without notice