



Industrial PC

Spectra PowerTwin Series

8" ~ 24" Touch Monitors

Features

- With resistive or capacitive Touchscreen
- Monitor Module with automatic Display and resolution detection
- Easy replacement of Display or Module
- Panel & VESA Mount
- Front panel with IP65 protection class



Spectra PowerTwin M-Series

Technical Data Displays



Model	Spectra PowerTwin M-08	Spectra PowerTwin M-10	Spectra PowerTwin M-10H	Spectra PowerTwin M-12H
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Display

Size / Aspect ratio	8.4" / 4:3	10.4" / 4:3		12.1" / 4:3
Resolution	800 x 600	800 x 600	1024 x 768	1024 x 768
Brightness (cd/m ²)	400	400		500
Contrast ratio	600:1	700:1	1400:1	700:1
Touchscreen	capacitive or resistive			
Cut-out (W x H)	248 x 172 mm	281 x 213 mm		331 x 251 mm
Dimensions (W x H x D)	262 x 186 x 66 mm	295 x 227 x 66 mm		345 x 265 x 66,5 mm
Weight (net/gross in kg)	3,6/5,3	4,2/6,0		5,2/6,7

Model	Spectra PowerTwin M-15	Spectra PowerTwin M-15W	Spectra PowerTwin M-17
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Display

Size / Aspect ratio	15" / 4:3	15.6" / 16:9	17" / 5:4
Resolution	1024 x 768	1366 x 768	1280 x 1024
Brightness (cd/m ²)	350	400	350
Contrast ratio	800:1	500:1	800:1
Touchscreen	capacitive or resistive		
Cut-out (W x H)	394 x 298,5 mm	406 x 240 mm	436 x 366 mm
Dimensions (W x H x D)	408 x 312 x 69 mm	420 x 254 x 76 mm	450 x 350 x 73 mm
Weight (net/gross in kg)	6,4/8,6	6,4/8,6	7,6/10,2

Model	Spectra PowerTwin M-19	Spectra PowerTwin M-21W	Spectra PowerTwin M-24W
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Display

Size / Aspect ratio	19" / 5:4	21.5" / 16:9	24" / 16:9
Resolution	1280 x 1024	1920 x 1080	1920 x 1080
Brightness (cd/m ²)	350	350	350
Contrast ratio	1000:1	5000:1	5000:1
Touchscreen	capacitive or resistive		
Cut-out (W x H)	496 x 375 mm	536 x 316,5 mm	591 x 359 mm
Dimensions (W x H x D)	510 x 389 x 73 mm	550 x 330,5 x 76,5 mm	605 x 373 x 76,5 mm
Weight (net/gross in kg)	9,0/11,6	8,5/11,4	8,9/11,8

Spectra PowerTwin M-Series

Technical Data Monitor Module

	Monitor Module
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Interfaces

Graphics	1 x HDMI 1 x DP 1 x VGA
Audio	1 x Line-out internal Loudspeaker: 2 x 2 W
Others	1 x RS-232 1 x USB 2.0 OSD: Menu, Auto, Brightness

Further Data

Power	AT/ATX 9~48 V DC
Operating Temperature	-20° ~ +70°C
Mounting	Panel, Wall, VESA 100
Warranty	24 Months

Interfaces



Ordering Information

Display size	With resistive Touchscreen		With PCAP Touchscreen	
8.4	N° 171258	Spectra PowerTwin M-08RL V2.0	N° 171278	Spectra PowerTwin M-08C V2.0
10"	N° 171259	Spectra PowerTwin M-10RL V2.0	N° 171279	Spectra PowerTwin M-10C V2.0
10"	N° 171260	Spectra PowerTwin M-10HRL V2.0	N° 171280	Spectra PowerTwin M-10HC V2.0
12.1"	N° 171261	Spectra PowerTwin M-12HRL V2.0	N° 171281	Spectra PowerTwin M-12HC V2.0
15"	N° 171262	Spectra PowerTwin M-15RL V2.0	N° 171282	Spectra PowerTwin M-15C V2.0
15.6"	N° 171263	Spectra PowerTwin M-15WRL V2.0	N° 171283	Spectra PowerTwin M-15WC V2.0
17"	N° 171264	Spectra PowerTwin M-17RL V2.0	N° 171284	Spectra PowerTwin M-17C V2.0
19"	N° 171265	Spectra PowerTwin M-19RL V2.0	N° 171285	Spectra PowerTwin M-19C V2.0
21.5"	N° 171267	Spectra PowerTwin M-21WRL V2.0	N° 171286	Spectra PowerTwin M-21WC V2.0
24"	N° 171268	Spectra PowerTwin M-24WRL V2.0	N° 171287	Spectra PowerTwin M-24WC V2.0

Further Display Models – Ask us!

- Without Touchscreen
- With capacitive sunlight-readable display