

## Datenblatt: Monitore A1 (nicht brennbar)



## Monitore A1 (nicht brennbar)

UNSERE MONITORE ERFÜLLEN DIE GRENZWERTE DER BRANDSCHUTZKLASSE A1

In öffentlichen Bereichen werden Monitore als Informations- und Wegeleitsysteme für Passanten und Besucher genutzt. Solche Monitore kommen oft an Orten zum Einsatz, die auch als Flucht- und Rettungswege ausgewiesen sind und für die spezielle Brandschutzauflagen gelten.

Der aktuell durchgeführte Brandversuch unserer neuen BLO-Line beweist: unsere Monitore erfüllen sogar die höchste Brandschutzklasse nach A1 entsprechend DIN EN 13501, denn alle Anforderungen im Brandversuch werden erfüllt oder sogar weit unterschritten. Die Brandschutzklasse A1 besagt, dass der Monitor nicht brennbar ist und die Eigenschaften „keine/ kaum Rauchgasentwicklung - kein brennbares Abtropfen / Abfallen“ besitzt.

m.i.b hat damit einen Brandlast- und Rauchgas-optimierten Monitor nach der höchsten Brandschutzklasse A1-im Angebot.

Deutsche bauaufsichtliche Benennung	Zusatzanforderungen		Baustoffklasse DIN EN 13501-1	Baustoffklasse DIN 4102-1 (Deutschland)
	keine Rauchentwicklung	kein brennendes Abtropfen/Abfallen		
nicht brennbar (ohne Anteile von brennbaren Baustoffen)	X	X	A1	A1
nicht brennbar (mit Anteilen von brennbaren Baustoffen)	X	X	A2-s1 d0	A2
schwer entflammbar	X	X	B,C - s1 d0	B1
		X	A2, B, C - s2 d0	
		X	A2, B, C - s3 d0	
	X		A2, B, C - s1 d1	
	X		A2, B, C - s1 d2	
			A2, B, C - s3 d2	
normal entflammbar	X	X	D - s1 d0	B2
		X	D - s2 d0	
		X	D - s3 d0	
	X		D - s1 d2	
			D - s2 d2	
			D - s3 d2	
		X	E	
			E - d2	
leicht entflammbar			F	B3

## Monitore A1 (nicht brennbar)

Der bisher erforderliche Einsatz von separaten Brandschutzgehäusen für Monitore ist jetzt - auch bei hohen Anforderungen an den Brandschutz - nicht mehr nötig. Damit eignen sich die BLO-Line-Monitore bestens für Informationsanzeigen in Bereichen mit strengen Brandschutzbestimmungen in Krankenhäusern, Universitäten, Schulen, an Flughäfen und in öffentlichen Bereichen von Gebäuden.

Sie sind als reine Monitore, oder als eigenständiges System mit integriertem PC, erhältlich.

Durch eine sorgfältige Auswahl an Komponenten und Materialien sowie durch eine feuerhemmende Konstruktion, trägt der Monitore im Falle eines Feuers so wenig wie möglich zu Brand- und Rauchentwicklung bei. So erhöhen unsere Monitore die Sicherheit im Brandfall.

Die neuen A1 BLO-Monitore in den Größen 24“ bis 65“ sind ab sofort erhältlich und jedem Monitor liegt ein Zertifikat für die Brandschutzklasse A1 bei.

Bei Fragen zum Produkt, zu Optionen oder Verkaufspreisen freuen wir uns darauf von Ihnen zu hören.



## Monitore A1 (nicht brennbar)

### Panel and housing

### BLO-Line 24"

Panel Diagonal	[mm] / [Inch]	609.7/ 24.0
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	300
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	531.36 x 298.89
Number of colors	[M]	16.7
Contrast ratio		5000:1
Resp. time (on/off)	[ms]	25
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	12.5/ 27.56
Dimension (W x H x D)	[mm/ inch]	592 x 364 x 68 23.31 x 14.33 x 2.68
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 14 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate



## Monitore A1 (nicht brennbar)

### Panel and housing

### BLO-Line 31.5"

Panel Diagonal	[mm] / [Inch]	800.1/ 31.5
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	500
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	698.40 x 392.85
Number of colors	[M]	16.7
Contrast ratio		3000:1
Resp. time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	22/ 48.50
Dimension (W x H x D)	[mm/ inch]	752 x 442 x 83 29.61 x 17.40 x 3.27
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 3 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate



## Monitore A1 (nicht brennbar)

### Panel and housing

### BLO-Line 42"

Panel Diagonal	[mm] / [Inch]	1066.8/ 42
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	930.24 x 523.26
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	37/ 81.57
Dimension (W x H x D)	[mm/ inch]	998 x 591 x 74.5 39.29 x 23.27 x 2.93
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 3 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate



## Monitore A1 (nicht brennbar)

### Panel and housing

### BLO-Line 46"

Panel Diagonal	[mm] / [Inch]	1168.4/ 46
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1018.08 x 572.67
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	6.5
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	44/ 97.0
Dimension (W x H x D)	[mm/ inch]	1079.5 x 634 x 81 42.5 x 24.96 x 3.19
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 4 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate



## Monitore A1 (nicht brennbar)

Panel and housing

BLO-Line 54.6"

Panel Diagonal	[mm] / [Inch]	1386.8/ 54.6
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1209.60 x 680.40
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	6.5
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	59/ 130.07
Dimension (W x H x D)	[mm/ inch]	1267 x 738 x 78 49.88 x 29.05 x 3.07
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 4 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate





## Monitore A1 (nicht brennbar)

### Panel and housing

### BLO-Line 64.5"

Panel Diagonal	[mm] / [Inch]	1639.06/ 64.5
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1428.48 x 803.52
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	75/ 130.07
Dimension (W x H x D)	[mm/ inch]	1481 x 856 x 91.4 58.31 x 33.70 x 3.60
Conformity		CE, FCC Class A, EU-RoHS A1-s1, d0 nach EN13501-1
Packaging		max. 2 pcs. per pallet
Accessory kit		Safety instruction, driver DVD, BLO certificate

