

PRELIMINARY



FORTEC
GROUP

PLUS-Line

multifunctional and optimally designed 4K monitors in 55" and 65"

One partner, unlimited technology solutions

Product Features

Designed,
developed and
made in Germany

PLUS-Line



PLUS-Line combines the entire experience of FORTEC GROUP in monitor construction with the wishes of the company's customers. It offers a large 4K panel a professional framework and with this line brings what is probably the slimmest touchscreen on the market. Various dockable PC modules complete the PLUS-Line.

Example meeting room

- The perfect tool for the new way of collaboration
- Intelligent fan control
- Complete monitor control via WLAN remote
- Multi media bar, removable, easy maintenance, subsequent addition of functions possible, features:

loudspeaker | microphone | webcam | light and presence sensor, configurable
integrated USB hub, 4-way

- Attractive, slim design
- metal housing instead of plastic
- very good brightness and anti-reflective glass for ideal glare-free view
- super thin touch sensor
- IP65 front with the option TrueFlat glass or touch and corresponding installation by the customer
- Maintenance friendly - the relevant components can be replaced quickly
- version with Box PC

Options:

- Screen sharing
- integrated white board (with IQ-version)
- Front bezel
- TrueFlat glass or TrueFlat glass touch with and without protective glass frame, extremely narrow passepartout
- 55" all around 15mm | 65" all around 16mm



Perfect multimedia
conference tool

WLAN remote
integrated

Super thin
touch screen

Small sustainable
design

Panel, Housing and Electric

PLUS-Line



Monitor PLUS-Line 55 front view

		55.0 inch		65.0 inch	
Article number		DS-92-202	DS-92-203	DS-92-190	DS-92-191
Panel Diagonal	[mm] / [Inch]	1397/ 55		1651/ 65	
Type		Monitor open frame			
Resolution	[Pixel]	3.840 x 2.160 (4K)			
Luminance (cent./typ)	[cd/m ²]	700			
Viewing angle (U/ D/ L/ R)	[°]	89/ 89/ 89/ 89			
Backlight		LED			
Active area (H/V)	[mm]	1209.6 x 680.4		tdb	
Number of colors	[M]	16.7			
Contrast ratio		4000 : 1			
Resp. time (on/off)	[ms]	6.5			
Life time back light until reaching half brightness	[h]	50.000			
Contin. operating time	[h] / [d]	24/ 7			
Touch		optionally - capacitive touch, 20 points			
Power consumption	[W]	tdb	tdb	tdb	tdb
Power supply	[VAC]	100-240~; 50/60 Hz			
Housing		Powdered steel, black RAL 9005			
IP 65		Front IP 65 with option TrueFlat glass or TrueFlat touch			
Mounting	[mm]	VESA MIS-F 400 x 400 (4 x M6)		VESA MIS-F 800 x 600 (4 x M8)	
Dimensions (WxHxD)	[mm]	tdb		tdb	
Weight	[kg]	tdb		tdb	
Panel orientation		Landscape and Portrait			

All figures are typical values. The real values of the panel may vary. The optical characteristics are determined after the panel has been „ON“ for approximately 30 minutes at an ambient temperature of 25° C (77° F). Life time of the backlight is defined as the time to take until the brightness reduces to 50% of its original value.

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Panel, Housing and Electric

PLUS-Line

		55.0 inch		65.0 inch	
Article number		DS-92-202	DS-92-203	DS-92-190	DS-92-191
PC version IQ		—	CPU: Intel® Co- re™-i5- 1145G7E (4 x 1.5 - 4.1 GHz), Intel® Iris® X ^E , 2 x 4 GB DDR 4 RAM, 128 GB M.2Sata	—	CPU: Intel® Co- re™-i5- 1145G7E (4 x 1.5 - 4.1 GHz), Intel® Iris® X ^E , 2 x 4 GB DDR 4 RAM, 128 GB M.2Sata
Interfaces version IQ			1x DP, 2x LAN, 3x USB 3.2, 2x USB 2.0 1x USB C, 1x RS232, 1x RS232/422/485, 1x Audio, 1x MIC in		1x DP, 2x LAN, 3x USB 3.2, 2x USB 2.0 1x USB C, 1x RS232, 1x RS232/422/485, 1x Audio, 1x MIC in
Interfaces version monitor		2x HDMI in, 1x DP in, 1 x USB-B (Remote), 1 x Infrared Sensor		2x HDMI in, 1x DP in, 1 x USB-B (Remote), 1 x Infrared Sensor	
Location of connect.		Landscape: middle backside Portrait: left backside (front view)			
Location of OSD buttons		Landscape: bottom right Portrait: bottom left (front view)			
Monitor control		via WLAN hot spot or OSD menu			
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140			
Operation temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104			
	[%]	10 ~ 90 (non condensing)			
	[%]	10 ~ 90 (non condensing)			
Conformity		CE, FCC Class A, EU-RoHS			
Packaging		Single packaging for transport per pallet, max. 3 pcs. per pallet		Single packaging for transport per pallet, max. 2 pcs. per pallet	
Package Contents		Safety instructions, power cable			



Backside and a view of small design of PLUS-Line 55.

Mediabar

PLUS-Line

Loudspeaker

2 Stereo LS with 8 ohms, 3 watts

Microphone

Stereo microphones with digital crosstalk function

Webcam

1080p, 60Hz frame rate
tiltable, 120°

Light sensor function

adjustable controlling of backlight

Presence sensor

Switching the backlight on when motion is detected or off when there is no motion,
adjustable by time



Order number open frame monitor with mediabar		DS-92-254	DS-92-255	DS-92-256	DS-92-257
Name		55.0" Video	55.0" IQ	65.0" Video	65.0" IQ
Function		loudspeaker, microphone, webcam, light and presence sensor			
Finish		Steel, powder coated, black RAL 9005			
Can be combined with		For all versions of the monitor			
Weight	[kg]	tbd		tbd	
Dimensions of monitor with option (W x H x D)	[mm]	tbd		tbd	

Options

Order number	DS-92-193
Name	PC Box extern Plus-Line IQ-i5
Description	PC Module for external mounting
Interfaces	1x DP, 2x LAN, 3x USB 3.2, 2x USB 2.0 1x USB C, 1x RS232, 1x RS232/422/485, 1x Audio, 1x MIC in
PC	CPU: Intel® Core™-i5- 1145G7E (4 x 1.5 - 4.1 GHz), Intel® Iris® X ^E , 2 x 4 GB DDR 4 RAM, 128 GB M.2 Sata
Fan	No
Weight [kg]	tbd
Dimensions [mm]	tbd

Order number		DS-92-207	DS-92-195
Diagonal		55.0 inch	65.0 inch
Name		TrueFlat Touch	
Touch		Capacitive touch, 20 points, up to 4 active touch pens poss. , 120 Hz sampling rate	
Finish		Glass TSG 4.0 mm, small passepartout RAL 9005	
Can be combined with		Only for open frame monitor	
Weight	[kg]	tbd	tbd
Dimensions of monitor with option (W x H x D)	[mm]	tbd	tbd

Order number		DS-92-206	DS-92-194
Diagonal		55.0 inch	65.0 inch
Name		TrueFlat glass	
Finish		Glass TSG 4.0 mm, small passepartout RAL 9005	
Can be combined with		Only for open frame monitor	
Weight	[kg]	tbd	tbd
Dimensions of monitor with option (W x H x D)	[mm]	tbd	tbd

PLUS-Line

Electronic

Touch*

Glass*

*Glass and touch screens will reduce monitor brightness.

Options

Order number		DS-92-243	DS-92-244
Diagonal		55.0 inch	65.0 inch
Name		Front bezel	
Finish		Steel, powder coated, black RAL 9005	
Can be combined with		Only for open frame monitor	
Weight	[kg]	tbd	tbd
Dimensions of monitor with option (W x H x D)	[mm]	tbd	tbd

Accessories

Product	Order no.	Product description
Wall mount	DS-92-103	fixed wall mount for PLUS-Line 55.0 and 65.0

Product	Order no.	Product description
Mediabar as sparepart	DS-92-192	sparepart for PLUS-Line 55.0 and 65.00 with Mediabar
IR Remote Control	DS-92-258	IR sensor with remote control for PLUS-Line 55.0 and 65.0
Cable DP for PC box	KA-40-115	DP cable for connection PC, 0,5m

Product	Order no.	Product description
Windows 10 IOT 2019 LTSC	DS-60-898	Embedded operation system DE/ EN for Core-i

Windows 10 IoT Enterprise is a full version of Windows 10 that provides enterprise manageability and security for embedded devices and IoT solutions such as medical devices, industrial automation, measurement systems, and more. It's a binary equivalent of Windows 10 Enterprise, so you can use the same familiar development and management tools as you would on client PCs and laptops. The embedded version of Windows 10 IoT Enterprise is supported by Microsoft for at least 10 years.

PLUS-Line

Bezel



PLUS-Line 55 monitor without media bar

Mount

Electronic

Software

Our corporate network supports you worldwide with branches in Germany, Austria, Switzerland, the UK and the USA, Great Britain and the USA. For further information, please contact us:

CONTACT

FORTEC GROUP

FORTEC Elektronik AG | Augsburg Str. 2b | 82110 Germering
+49 89 894450-0
info@fortecag.de | www.fortecag.de

FORTEC INTEGRATED

FORTEC Integrated GmbH | Augsburg Str. 2b | 82110 Germering
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC EGYPT

FORTEC Electronic Design and Solutions Egypt SMLC | Linx Business Park | Unit B318
Smart Village | Giza Governorate
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC POWER

FORTEC Power GmbH | Lise-Meitner-Straße 3 | 64560 Riedstadt
+49 6158 8285-0
weborder@fortec-power.de | www.fortec-power.de

AUTRONIC Steuer und Regeltechnik GmbH | Siemensstraße 17 |
74343 Sachsenheim
+49 7147 24-0
vertrieb@autronic.de | www.autronic.de

FORTEC CZECH REPUBLIC

FORTEC Czech Republic s.r.o. | Přátelství 275 | 330 02 Dýšina
+420 377 845878
fortec@fortec.cz | www.fortec.cz

FORTEC SWITZERLAND

FORTEC Switzerland AG | Bahnhofstraße 3 | 5436 Würenlos
+41 44 7446111
info@fortec.ch | www.fortec.ch

FORTEC UNITED KINGDOM

FORTEC Technology UK Ltd. | Osprey House | 1 Osprey Court
Hinchingsbrooke Business Park | Huntingdon | Cambridgeshire | PE29 6FN
+44 1480 411600
info@fortec.uk | www.fortec.uk

FORTEC UNITED STATES

FORTEC US, Corp. | 87 Raynor Avenue Unit 1 | Ronkonkoma | NY | 11779
+1 631 5804360
info@fortec.us | www.fortec.us