

PRELIMINARY

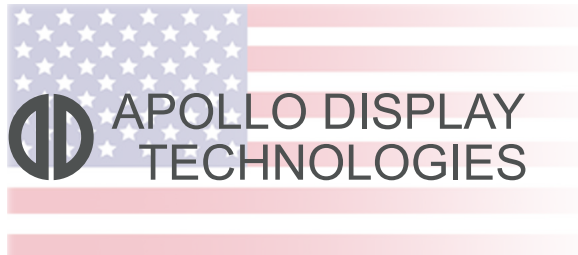


FORTEC
ELEKTRONIK AG

PLUS-Line

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

OUR GLOBAL
COMPETENCE
CENTERS



**APOLLO DISPLAY
TECHNOLOGIES**



DISTEC



**DISPLAY
TECHNOLOGY**

Product Features

Designed,
developed and
made in Germany

PLUS-Line



PLUS-Line combines the entire experience of Distec 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 green design

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
Panel Diagonal	[mm] / [Inch]	1397/ 55		1651/ 65	
Type		Monitor open frame			
Resolution	[Pixel]	3.840 x 2.160 (4K)			
Luminance (cent./typ)	[cd/m²]	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			
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	—
Power consumption	[W]	tdb	tdb	tdb	tdb
Power supply	[VAC]	100-240~; 50/60 Hz			



Monitor PLUS-Line 55 front view

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® Core™-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® Core™-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
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]	tbd		tbd	
Weight	[kg]	tbd		tbd	
Panel orientation		Landscape and Portrait			
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, HDMI 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

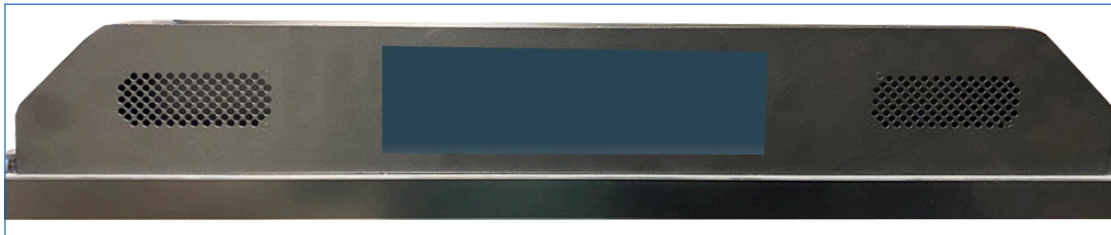
1080p, 60Hz frame rate
tiltable, 120°

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		DS-92-204	DS-92-192
Diagonal		55.0 inch	65.0 inch
Name		Media bar	
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

PLUS-Line

Electronic*

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.2Sata
Fan	No
Weight [kg]	tbd
Dimensions [mm]	tbd

Touch*

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 possible , 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

Glass*

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

*Glass and touch screens will reduce monitor brightness.

Options

Order number		DS-92-091	DS-92-089
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

Order number		DS-92-208	DS-92-196
Diagonal		55.0 inch	65.0 inch
Name		Glass protection frame	
Finish		Steel, powder coated, black RAL 9005	
Can be combined with		Only for monitors with TrueFlat safety glass or TrueFlat touch	
Weight	[kg]	tbd	tbd
Dimensions of monitor with option (W x H x D)	[mm]	tbd	tbd

Accessories

Product	Order no.	Product description
Cable DP for PC box	KA-40-115	DP cable for connection PC, 0,5m

Product	Order no.	Product description
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system for Core-i
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system for Core-i
Windows 10 IOT 2019 LTSC	DS-60-898	Embedded operation system DE/ EN for Core-i

PLUS-Line

Bezel



PLUS-Line 55 monitor without media bar

PLUS-Line

Cable

Software

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

Contact

Headquarters

Germany



FORTEC Elektronik AG
Augsburger Str. 2b
82110 Germering

Phone: +49 89 894450-0
E-Mail: info@fortecag.de
Internet: www.fortecag.de

Fortec Group Members

Austria



Distec GmbH
Office Vienna
Nuschingasse 12
1230 Wien

Phone: +43 1 8673492-0
E-Mail: info@distec.de
Internet: www.distec.de

Germany



Distec GmbH
Augsburger Str. 2b
82110 Germering

Phone: +49 89 894363-0
E-Mail: info@distec.de
Internet: www.distec.de

Switzerland



ALTRAC AG
Bahnhofstraße 3
5436 Würenlos

Phone: +41 44 7446111
E-Mail: info@altrac.ch
Internet: www.altrac.ch

United Kingdom



Display Technology Ltd.
Osprey House, 1 Osprey Court
Hinchingsbrooke Business Park
Huntingdon, Cambridgeshire, PE29 6FN

Phone: +44 1480 411600
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk

USA



Apollo Display Technologies, Corp.
87 Raynor Avenue,
Unit 1 Ronkonkoma,
NY 11779

Phone: +1 631 5804360
E-Mail: info@apollodisplays.com
Internet: www.apollodisplays.com