3D Global GmbH
Augustusburger Str. 133
09514 Pockau-Lengefeld / Germany

www.3D-global.eu / info@3d-global.eu
Tel: +49 (0)37367-3030

technical specifications

lenticular 3D filter for 12,5” panel

F125UHDLM05N070A

Rev. 1.01 / 05.06.2019

records of revision

revision	date	revised	note
1.01	2019-06-05	Sigwart	initial release

1 General

The F125UHDLM05N070A is a passive 3D filter element that needs to be attached to a landscape-format aligned 12,5” LCD-panel in order to enable glasses-free 3D visualization, if the display is used with specially prepared 3D content. This filter has been specially developed for the LCD panels listed below.

2 Filter specifications

Parameter	**Value** (approx.)	**Unit**	**Note**
outer dimensions	278 x 157 x 0,15	mm	W x H x T
weight	6	gram	-
filter structure	LoF (Lense on Film)		*F125UHDLM05N070**A***
substrate material	*0,1mm film*	-	-
lenses characteristics	*lenticular microlens array with aperture*	-	*F125UHDL**M**05N070A*
lens orientation	*dextral slanted*	-	*F125UHDLM05**N**070A*
number of 3D views	5	-	*F125UHDLM**05**N070A*
optimal 3D viewing distance	70	cm	*F125UHDLM05N**070**A*
width of each 3D zone	32	cm	measured in optimal viewing distance
designated filter direction	lens surface towards user (2U)	-	-
designated GAP *distance filter <-> panel*	0,1	mm	-
designated bonding technology	full / optical bonding	-	-
designated panel orientation	landscape format	-	-

3 Compatible LCD panels

Sharp	BOE	-	-
LQ125D1JW31	NV125QUM-N81	-	-
-	-	-	-

Certain other 12,5” UHD panels might also work properly with this filter, but have not been tested.

4 MPV 3D Player configuration

If the modified panel / display will be used with 3D Global´s MPV 3D Player, please use the configuration file with

config code

05N

For other than the above listed panel types, another config code might be suitable.