

X-PAND 3D

(Active 3D – Controller/Emitter Specifications)

AE125

Specifications

Model	AE125H
Technology	Active 3D
Protection	XPAND Cinema IR Protocol – Secured
Connector Type	BNC (TTL levels)
IR Emitting angle	25 °
Setup	Emitter must be aimed at screen or at the audience, if the screening room is very long
Coverage (number of seats)	50
Power Supply	110-240 V, power adapter included
HFR Support	Yes
Dimensions (W x H x D)	114 mm x 35 mm x 77 mm (4.5" x 1.4" x 3.0")

XPAND ONE

Technical Specifications

Model	ADE1512H
Technology	Active 3D
Protection	XPAND Cinema IR Protocol – Secured
Connector Type	DB-9 male
Setup	The module is designed to be mounted on the window frame in the projection booth.
Dimensions (W x H x D)	317 mm x 34 mm x 87 mm (12.5" x 1.3" x 3.4")
Tilt	There are 4 adjustable pads on the bottom side of the emitter which can be used to tilt it. They add a minimum of 5 mm (0.2") and a maximum of 13 mm (0.5") to the vertical dimension of the emitter. If using mount, tilt can be freely adjusted.
Weight	0,5 kg (17.3 oz)
Coverage (number of seats)	125
Compatibility	All XPAND active 3D glasses that use IR for 3D sync (X106 , X105-C , X101 , X103-CP , X103-C , X1031)
Power Supply	AC adapter included
Adapter Input	110 – 240 V @ 50 – 60Hz
Adapter Output	24V DC @ 3A
HFR Support	Yes

XPANDVISION 3D Cinema System

Technical Specifications		Active 3D Cinema System Components	
Model	XPAND 3D System	3D Glasses	Active 3D Glasses: X106 , X105-C , X101 , X103-CP , X103-C , X1031
Technology	Active 3D	Emitters	Mid-range IR External 3D Emitter (AE125) , IR Emitter (AE 210), XPAND One
Protection	XPAND Cinema IR Protocol – Secured	Distribution Module	Distribution Module (AD1012H)
Screen	Matte White	Accessories	ELAVO™ System , Emitter Mount (M210-25), Active Glasses Tester (AT100), XPAND 3D Trolley
In-theater operations	Manage sensation/rotation of glasses, quality control issues, testing		
Movement from screen to screen	10 minutes		
Transition from 2D to 3D to 2D	1 second		
Regular screen usage	Yes		
Ghosting	No		
Light efficiency	optimal		
Maximal screen size	24 meters (26 yards)		
Stereoscopic Accuracy	optimal		
Color Fidelity	optimal		