

Hidetech Series (BII)

Recessed Motorized Screen

16:9 /16:10 Concealed Ceiling Installation, Seamless Integration

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Design Philosophy

The HideTech Series BII Recessed Tab-Tension Screen features an innovative in-ceiling mounting structure. When not in use, the screen is fully concealed within the ceiling, preserving a clean and cohesive interior appearance. It integrates seamlessly into both modern residential spaces and high-end commercial environments.

A separated housing noise-reduction design combined with a rubber isolation connection structure effectively minimizes vibration and resonance between the screen and ceiling, ensuring quiet and stable operation.

The second-generation structure accommodates a larger roller tube, ensuring even tension during deployment and retraction. This prevents localized wrinkles or misalignment and maintains long-term screen flatness for consistent image quality.





Aluminum Alloy Decorative Ceiling Cover

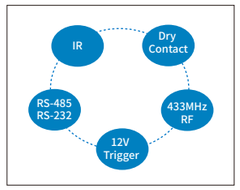
The ceiling decorative cover features a pop-up closure spring design, which is stylish looking and makes it easy to remove.

Core Advantages



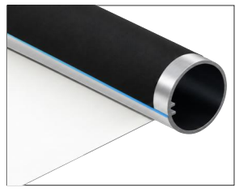
Variable-Frequency Low-Noise Motor

* 100–240V wide voltage
* Smooth acceleration & deceleration
* Precise electronic travel control
* Built-in anti-interference shielding
* 20,000+ cycles
* <50 dB



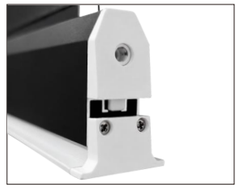
Multiple Smart Control Options

Supports RS-485 / RS-232, dry contact, 433MHz RF, infrared, and 12V trigger.



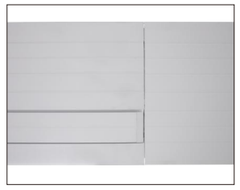
Crease-Free Screen Design

A specially designed roller tube features a stepped profile and a gradually tapered spiral structure to prevent pressure marks at the starting edge of the screen fabric during retraction, ensuring a smooth, flat viewing surface.



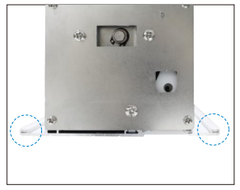
Dual-Layer Spring-Loaded Bottom Bar

* Multiple spring connection points allow the dual-layer bottom bar to flexibly compensate for dimensional tolerances, ensuring a precise, flush closure.
* The dual-layer structure provides enhanced rigidity and resistance to deformation, maintaining screen flatness and ensuring long-lasting durability.



Optimized Bottom Bar Design

The fully enclosed housing combines a sleek, minimalist appearance with effective protection against dust and insects. It prevents contaminants from reaching the screen fabric, keeping the viewing surface clean over time.



Rubber Isolation Connection Structure

Soft silicone strips provide a close fit between the housing and ceiling gap, ensuring a clean, seamless finish while cushioning vibrations and dampening resonance to minimize screen movement.

Compatible Screen Fabrics

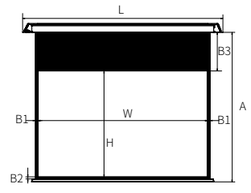
WM5
Fiberglass Matte White Fabric

GM5
Fiberglass Matte Grey Fabric

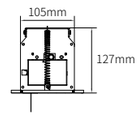
Product Specifications

Unit of measurement：mm

Aspect Ratio	Diagonal Measurement	Viewing Area (W×H) mm	Black Drop (B3) mm	Lower Border (B2) mm	Left/Right (B1) mm	Product Height (A) mm	Product Length (L) mm
16:9	92"	2037×1146	700	30	40	1918	2477
	100"	2214×1245	550	30	40	1867	2654
	106"	2347×1320	400	30	40	1792	2787
	110"	2435×1370	400	30	40	1842	2875
	120"	2656×1494	400	30	40	1966	3100
	133"	2944×1656	400	30	48	2128	3404
16:10	95"	2037×1239	700	30	40	2011	2477
	103"	2214×1384	550	30	40	2006	2654
	109"	2347×1467	400	30	40	1939	2787
	113"	2435×1522	400	30	40	1994	2875
	123"	2656×1660	400	30	40	2132	3100
	137"	2944×1844	400	30	40	2316	3404



Front View



Side View