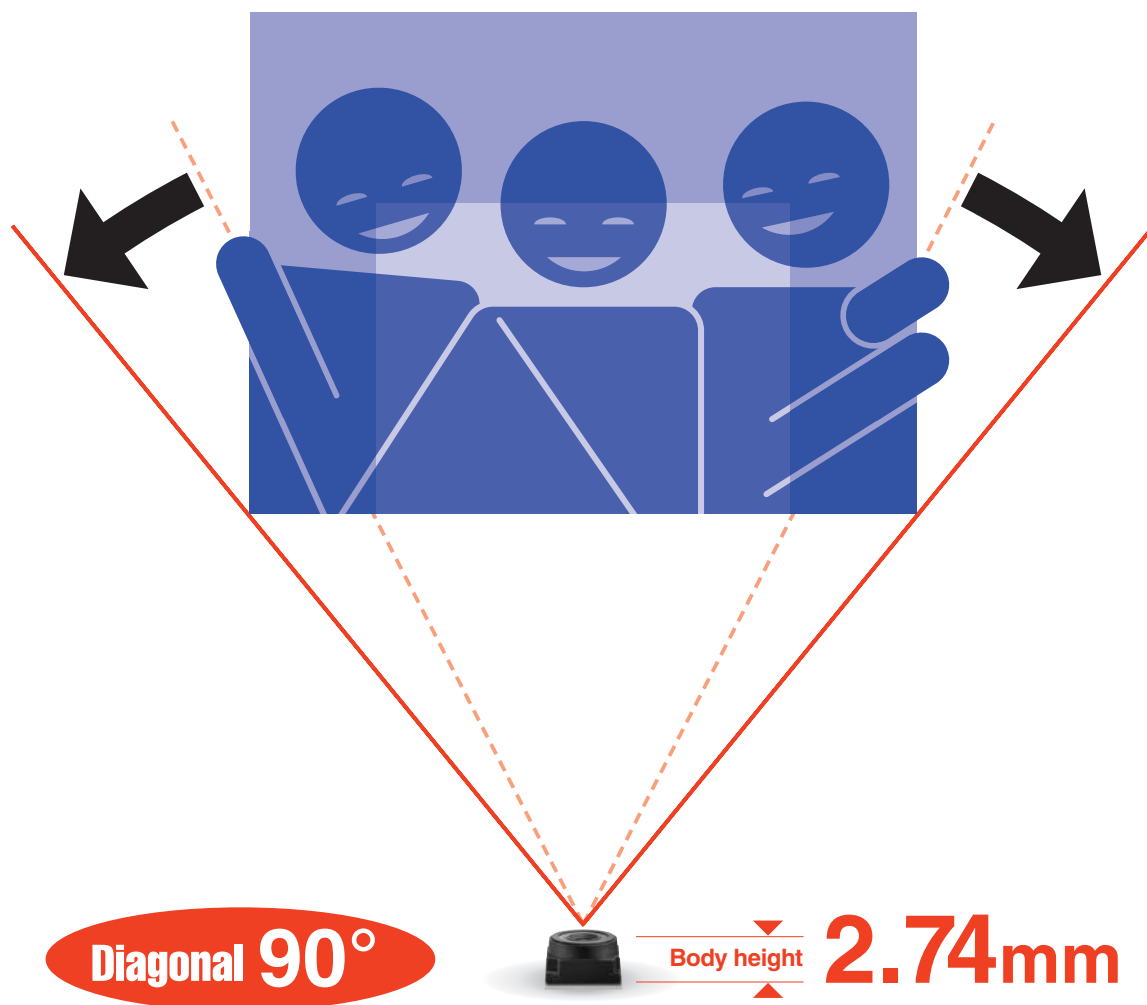


1/10 inch VGA Wide Angle Camera Module

FPDJ9 Series

NEW
2009

Wider angle but still thin and small.

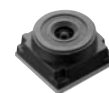


Unique lens simulation, design technology, and excellent precision of parts and assembly realized both compact size and wide angle (90°diagonal).

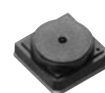
- Wide angle in the world's smallest class (※) dimension of 5mm square and 2.74mm height.
- Barrel-less structure realizes compactness and high VGA quality of F2.8.
- Compatible with parallel interface.

※According to Alps Electric as of July 2009.

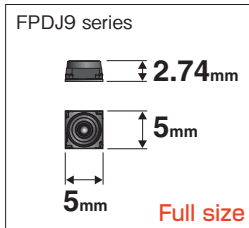
NEW



Wide angle
FPDJ9 series



Low profile
FPDJ8 series



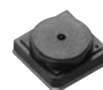
1/10 inch VGA Wide Angle Camera Module

FPDJ9 Series

NEW



Wide angle
FPDJ9 series



Low profile
FPDJ8 series

Unique lens simulation, design technology, and excellent precision of parts and assembly realized both compact size and wide angle (90°diagonal).

Applications

For wide angle cameras of mobile phone sub cameras, game machines, etc.

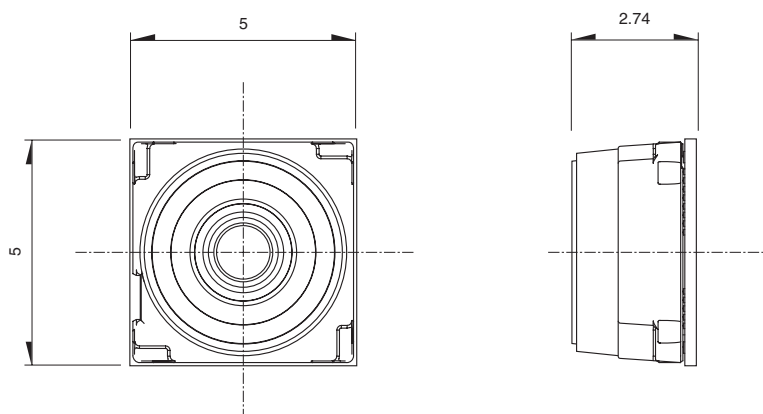
Typical Specifications

Items		Specifications
Optical size		1/10 inch VGA
Dimensions (W×D×H)		5×5×2.74mm
Lens construction		2 pieces
Effective focal length		20cm to ∞
Field angle	Diagonal	90°
	Horizontal	78.5°
	Vertical	63.7°
F No.		2.8
Distortion		1.5% Max
Frame rate		30fps@VGA
Type of connection		FPC / Socket

Dimensions

FPDJ9 series

Unit:mm



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4. Before using products which were not specifically designed for use in automotive applications, please contact an Alps sales representative.

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6. This catalog is valid until the end of December 2009.

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