

IP Ratings Uncovered

In an IP rating the first number represents the resistance of the item to solids and the second figure indicates its resistance to liquids

e.g. our Advanced-Vision camera has an IP rating of IP67. This means it's

- a.) totally protected against dust and
- b.) protected against effects of water immersion between 15cm-1m



Advanced-Vision camera Rated IP67

First Digit

Protection Against Solids

0	No protection
1	Protects against solid objects up to 50mm i.e. hands
2	Protects against solid objects up to 12mm i.e. fingers
3	Protects against solid objects up to 2.5mm i.e. tools
4	Protects against solid objects up to 1mm i.e. wire
5	Protects against dust with limited ingress permitted
6	Totally protects against dust

Second Digit

Protection Against Liquids

0	No protection
1	Protects against raindrops
2	Protects against direct sprays of water < 15° from vertical
3	Protects against direct sprays of water < 60° from vertical
4	Protects against direct sprays - all directions (ingress permitted)
5	Protects against low pressure jets of water (ingress permitted)
6	Protects against strong jets of water (ingress permitted)
7	Protects against effects of immersion between 15cm-1m
8	Protects against long periods of immersion under pressure

Please Note

These "Technical Tips" help sheets aim to answer commonly asked questions in a concise and informative manner - they are for advice & guidance only and do not replace any of the manuals or other literature supplied with our products.

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