

DOCOMO develops world's first small-cell base station for 3G and LTE

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DOCOMO's new small-cell base station supporting 3G and LTE.

NTT DOCOMO announced today that it has developed the world's first dual-mode small-cell base station, or femtocell, supporting 3G (W-CDMA) and LTE simultaneously for improved service coverage in indoor locations such as offices, shops and homes. The dual-mode femtocell will be commercially launched from December.

DOCOMO's new femtocell, which weighs only 0.7 kg and measures just

18.5cm by 17.5 cm by 4.5 cm (H x W x T), provides 3G/LTE service coverage in a range of up to several tens of meters, depending on actual conditions. Its plug-and-play function automatically configures itself to the surrounding radio environment, enabling users to quickly enjoy wider, higher-quality and more cost-effective coverage simply by connecting the femtocell to a broadband fixed line.

DOCOMO has been marketing 3G femtocells for improved indoor coverage since 2007. With the new dual-mode 3G/LTE femtocell, DOCOMO looks forward to providing enhanced [indoor environments](#) for voice and data [mobile communication](#) via its FOMA 3G and Xi (read "Crossy") LTE services.

More information: [www.nttdocomo.com/pr/2012/pdf/ ...
116 attachment01.pdf](http://www.nttdocomo.com/pr/2012/pdf/...116_attachment01.pdf)

Source: NTT Docomo

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