Forth Dimension Displays (ForthDD) brings the biggest advance to near-to-eye (NTE) display performance since its SXGA microdisplay revolutionised NTE systems in 2002. The QXGA microdisplay will offer the highest resolution for NTE applications in the world.

The ForthDD QXGA is the only microdisplay which has been publicly announced that will enable an immersive (>100°) Wide Field of View HMD without resolvable pixel structure. Achieving a true representation of reality requires a system which delivers high quality video imagery across the entire human visual system. The ForthDD QXGA enables NTE system designers to get one step closer to this ultimate goal.

**APPLICATIONS**

**TRAINING AND SIMULATION**
- Monocular viewers
- Binocular viewers
- Head Mounted Displays (HMDs)
- Head-Up Displays (HUDs)

**DEFENCE**
- Helmet Mounted Displays (HMDs)

**MEDICAL IMAGING**
- Image injection for surgical microscopes
- Stereoscopic imaging
- Ophthalmic metrology

**FILM & TELEVISION PRODUCTION**
- Native Full HD electronic viewfinders (EVFs)
- Native 2K EVFs

**ENTERTAINMENT SYSTEMS**
- Virtual Reality HMDs

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*PROVISIONAL DATA – SUBJECT TO CHANGE*