



DVD Recording Formats

Prepared by the DEG Technology Committee, 10/27/04 – RC-001-04

FORMAT	DVD-RW		DVD-R		DVD+RW	DVD+R	DVD-RAM	
Logo Mark								
MEDIA								
Disc Size	12 cm	8 cm	12 cm	8 cm	12 cm	12 cm	12 cm	8 cm
Disc Capacity	4.7 GB	1.4 GB	4.7 GB	1.4 GB	4.7 GB	8.5 GB ¹	9.4 GB ¹	1.4 GB ¹
Maximum Time	240 min LP ²	60 min LP ²	240 min LP ²	60 min LP ²	240 min LP ²	480 min EP ³	240 min LP ²	60 min LP ²
Rerecordable	Yes		No		Yes	No	Yes	
HARDWARE								
Recording Modes	Video / VR ⁴		Video		Video	Video	Video / VR ⁴	
Player Compatibility	DVD-RW ⁵ DVD-Video / VR		DVD-R ⁵ DVD-Video		DVD+RW ⁵ DVD-Video	DVD+R ⁵ DVD-Video	DVD-RAM DVD-Video / VR	
Primary Applications	Personal Computers Set-Top-Boxes Camcorders		Personal Computers Set-Top-Boxes Camcorders		Personal Computers Set-Top-Boxes	Personal Computers Set-Top-Boxes	Personal Computers Set-Top-Boxes Camcorders	
USAGE								
Key Benefits ⁶	Time Shifting Edit Personal Video		Archiving Data and Content		Time Shifting Edit Personal Video	Archiving Data and Content	Time Shifting Edit Personal Video	
Content Protection	Supports CPRM ⁷		Supports CPRM ⁷		Supports VCPS ⁸	Supports VCPS ⁸	Supports CPRM ⁷	

¹ Includes dual layer or dual-sided options

² Long Play Mode

³ Extended Play Mode

⁴ Allows advanced editing, but does not support interactive menus

⁵ Playback compatible with most DVD-Video players

⁶ All DVD formats are capable of recording audio/video content

⁷ CPRM recordings can only be played on CPRM-licensed devices

⁸ VCPS recordings can only be played on VCPS-licensed devices