

# DP2K-20C

Compact DLP Barco Alchemy Cinema projector (18,500)



- Small footprint, budget-friendly performance
- Integrated, DCI-compliant projector
- Combines media server functionalities with Series 3 cinema processing electronics

**Product specificaties****DP2K-20C**

General specifications	
Digital MicroMirror Device™	3 x 0.98" DC2K dark metal devices
Native resolutie	2,048 x 1,080 pixels
Behuizing	Hermetically sealed DMDs and optical assembly
Lamp	1.2kW -4kW
Lichtuitvoer	18,500 lumens
Schermafmaat	Up to 20m / 65ft wide (screen gain 1.8 @ 14ftl)
Contrastverhouding	2,000:1
Primelenzen	1.2 -1.8 1.4 -2.05 1.6 -2.5 1.95 -3.2 2.4 -3.9
I/O-controle	3x Ethernet 8x GPIO (DB 25) 3D interface USB RS-232 interface (DB9)
Integrated Cinema Media Processor	DCI 4K 2D up to 60fps* DCI 4K 3D (24 or 30 fps per eye)* DCI High Frame Rates 2K 3D up to 120fps (60fps per eye) JPEG 2000 bit-rates up to 625Mbps Dual-channel color-correction MPEG-2 (4:2:0 and 4:2:2 up to 60fps) 2x Displayport 2x 3G-SDI inputs 1x HDMI 1.4a (up to 4K 2D 24fps, support for BluRay 3D) 16x AES/EBU audio channels (2x RJ45) 8x GPI, 8x GPO (4x RJ45) 2x Gbe for content connectivity & ingest 2x front-accessible USB 3.0 for fast ingest 2x front-accessible USB 2.0 Video watermarking: Civolution NexGuard Audio watermarking: Civolution Closed captioning devices: Support for SMPTE 430-10 * 4K 24fps is standard. For 4K 60 fps / 4K 3D on ICMP upgrade modules a license is required. Newly-built 4K Barco Alchemy projectors have the license standard included.
Geïntegreerde opslag	1.9TB effective storage (RAID-5) / 3x 1TB Hot-swappable 2.5" hard-drives 3.9TB effective storage (RAID-5) / 3x 2TB Hot-swappable 2.5" hard-drives

**Product specificaties****DP2K-20C**

<b>Barco Web Commander</b>	Projector Dashboard Projector Control Board Show Player/Editor/Scheduler Automation, 3D, Ingest Dynamic DCP playlists & intermission TMS integration Smart Projector Status Via HTML5 web-browsers including iOS & Android tablets Dual projector 3D: passive and active Auro 11.1 decoding
<b>Barco Communicator</b>	Projector installation & configuration Projector update & maintenance
<b>Projectordiagnose</b>	Via Integrated Media Server via Communicator control software via SNMP agent
<b>Voedingsvereisten</b>	220V
<b>Afmetingen</b>	558(H) x 694(W) x 1034(D) mm 22.0(H) x 27.3(W) x 40.7(D) inch NB.: min. 5 cm of air inlet spacing required at the bottom of projector
<b>Gewicht</b>	102kg (225lbs)
<b>Omgevingstemperatuur</b>	35°C / 95°F Max.
<b>Luchtuitstroom</b>	240 – 280 cfm (6,8 – 8 m <sup>3</sup> /min)
<b>Veiligheidsvereisten</b>	Class 1 risk group 3
<b>Opties</b>	3D add-ons Touch screen monitor, inc. Barco Commander & Communicator Pedestal CineCare Web Auro 11.1 license Barco Escape license Live 3D*** *** Software roadmap

Laatst bijgewerkt: 17 May 2023

© 2018 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Vanwege voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Raadpleeg [www.barco.com](http://www.barco.com) voor de meest recente specificaties.