



Mobility & Logistics

New Concept Cart Vehicle-type Connected Device

SC-1 Concept Cart

- Vehicle-type Connected Device -

The SC-1 is a 5G-connected autonomous vehicle equipped with 4K cameras, sensors and digital signage for an all-new dimension in road travel.

- **Uses 4K digital signage and displays for ads, information, etc.**
- **Location-specific interactive information selected by analyzing video of surrounding area captured with vehicle's image sensors.**
- **4K drive monitor surveys 360° perimeter leveraging ultra-high-resolution cameras that exceed human vision.**
- **Remote driving and control achieved via cloud.**

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In the same way we turned the cell phone into a smart phone by adding sensors and interfaces, we have turned the smart phone into a vehicle by leveraging Sony's technology and design expertise to create a new prototype vehicle that combines AI and robotics.

Main Features

- 4K high-sensitivity camera & drive display
- 360-degree view system
- Six 4K high-resolution digital signs
- Olivine lithium-ion storage battery
- Ultrasonic sensor
- Remote control driving



SC-1 Concept Cart

Windowless Vehicle's Drive Display Exceeds Human Vision

1. Highly natural 4K high-definition display enables safe operation

Sony's high-sensitivity camera in the front of the vehicle produces high-definition 4K video that is so realistic the operators feel like they are looking through a window.



Full Hi-vision TV

1,920 x 1,080 pixels

= 2.07 MP

4 x Finer
Resolution!



4K TV

3,840 x 2,160 pixels

= 8.29 MP

SC-1 Concept Cart

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SONY

Length		3,140 mm
Width		1,310 mm
Height		1,850 mm
Maximum crew		3
Speed		0 – 19 km/h
Mounted equipment	Inside cart	49-inch 4K LCD monitor (1)
	Outside cart	55-inch 4K LCD monitor (4)
	Cameras	35mm full-size Exmor R® CMOS image sensors (5)

The image features the NTT docomo logo centered on a vibrant red background. The background is filled with a complex, glowing network of white lines and dots, resembling a molecular structure or a digital communication network. The lines vary in thickness and brightness, creating a sense of depth and connectivity. The dots are small and bright, acting as nodes in the network. The overall effect is a high-tech, futuristic aesthetic.

^{NTT}
docomo