



# COMPASS DECODER

## HIGH-PERFORMANCE VIDEO DECODING

Compass Decoder is the building block for Compass Decision Management System™-driven video-wall option. The Compass Decoder has two video outputs, each offering configurable mosaic layouts from full-screen to 4x4 channels. Compass operators can select their desired video content and configure camera sequences. Compass Decoders can also be configured in video-alarm mode, so that the cameras linked to the latest incidents are automatically displayed in selected channels.

### KEY FEATURES

- Two video outputs to drive video-wall content to two monitors
- Configurable mosaic layouts from full-screen to 4x4
- Low-latency video streaming directly from ONVIF/RSTP sources to avoid video transcoding in Compass Server
- Configuration modes: manual content, camera sequences and video-alarms (automated camera content triggered by incidents)
- Resilient high-performant appliance based in embedded Linux that boots from an internal USB drive and runs in RAM memory



# GENERAL SPECIFICATIONS

HARDWARE AND OPERATING SYSTEM	
CPU	Intel (R) Core (TM) i5-9500 3.0GHz to 4.4GHz, 6 Cores / 6 Threads
RAM	16GB DDR4, 2666MHz
Operating System Drive	USB Pen Drive (internally connected)
Operating System	Compass Decoder for two video outputs
Pre-installed Software	Full Screen, 2x2, 1+5, 3x3, 1+12, 4x4
Video Layouts (per video output)	16 channels in 1920x1080 @ 30 FPS (4x4 mode)
Video Codec	H.264

MECHANICAL	
Form Factor	Micro
Dimensions	Height: 182 mm (7.2"); Width: 36 mm (1.4"); Depth: 178 mm (7.0")
Weight	1.18 kg (2.6lbs.)

ELECTRICAL / ENVIROMENTAL	
Power	100-240V AC. External, 130W. Push button power switch at front
Power Cord	Power Cord with 130W AC Adapter
Operating Temperature	10°C to 35°C
Operating Humidity	20% to 80% (non-condensing)
Regulatory	Environmental Standards (eco-labels): ENERGY STAR, EPEAT Registered9, TCO Certified, CEL, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label, EU RoHS,China RoHS14

INTERFACES	
Video output	<ul style="list-style-type: none"><li>• 1 x HDMI 2.0b (rear), maximum resolution: 1980x1080 @ 60hz</li><li>• 2 x DisplayPorts 1.2 (rear), maximum resolution: 1980x1080 @ 60hz</li><li>• Compass Decoder allows two video outputs:<ul style="list-style-type: none"><li>Output 1: HDMI or DisplayPort</li><li>Output 2: DisplayPort</li></ul></li></ul>
Serial Port	1 x Serial + PS/2 (rear)
Network interfaces	1 x Intel i219-LM Gigabit Ethernet LAN 10/100/1000 (RJ45)
USB ports	<ul style="list-style-type: none"><li>• 1 x USB 3.1 Gen 2 Type-C port with PowerShare (front)</li><li>• 1 x USB 3.1 Gen 1 port with PowerShare (front)</li><li>• 2 x USB 3.1 Gen 1 ports (one supports Smart Power On) (rear)</li><li>• 2 x USB 3.1 Gen 2 ports (rear)</li></ul>

SERVICE	
Basic Onsite Service Channel	39 Months
ProSupport Plus Accidental Damage Protection Commencing on Invoice Date Channel	39 Months
ProSupport Plus and Next Business Day Onsite Service Upgrade Channel	39 Months

ORDERING DETAILS	
Product Code	980110

**Note:** Specifications are correct at the datasheet date of issue and are subject to change without prior notice.

For more information, please visit [www.motorolasolutions.com/compass](http://www.motorolasolutions.com/compass)



Motorola Solutions Ltd. Nova South, 160 Victoria Street, London, SW1E 5LB, UK. [motorolasolutions.com](http://motorolasolutions.com)

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2021 Motorola Solutions, Inc. All rights reserved. 06-2021