

Date: 1/15/2025

Topic: DOP-107WVCS Outdoor HMI Launch Announcement

Dear Valued Partner,

We are thrilled to announce the launch of our latest addition to the DOP-100 Series: the DOP-107WVCS, an outdoor-rated HMI designed for high performance in challenging environments. This product is now available and searchable on [DeltaPST.com](https://www.deltapst.com), complete with pricing details.



[DOP-107WVCS Specification and Installation Instructions](#)

Key Features and Advantages of the LD-E Series:

1. **Outdoor Durability:** Rated IP66/NEMA 4/Type 4X, it is perfect for both indoor and outdoor use, providing reliable performance in extreme temperatures (-30°C to +70°C).
2. **Enhanced Visibility:** Equipped with a 7-inch, high-brightness (1000 cd/m²) TFT LCD for excellent readability under sunlight.
3. **Fully Compatible and Same Dimensions as DOP-107WV:** Existing customers using DOP-107WV can seamlessly transfer to DOP-107WVCS for outdoor applications without modifying their setup.
4. **Robust Communication Options:** Supports Ethernet, RS-232, RS-485, and RS-422 for seamless connectivity across industrial automation setups.
5. **User-Friendly Design:** Lightweight and compact, with a resistive touch screen ensuring smooth operation even in harsh conditions.
6. **Optimized for DIAScreen:** Compatible with DIAScreen, Delta's intuitive visualization software, offering powerful features like enhanced 3D visualization, fast screen compilation, OPC UA, and MQTT support for seamless IIoT integration. [Download DIAScreen here.](#)



Comparison Chart: DOP-107WVCS vs. DOP-107WV

Feature	DOP-107WVCS	DOP-107WV
Protection Rating	IP66/NEMA 4/Type 4X (Outdoor)	IP65 (Indoor)
Brightness	1000 cd/m ²	450 cd/m ²
Operating Temperature	-30°C to +70°C	0°C to +50°C
CPU	ARM Cortex-A8 (1GHz)	ARM Cortex-A8 (800MHz)
Flash ROM	1000 MB	256 MB
RAM	1000 MB	512 MB
Display Type	7" TFT LCD (65535 colors)	7" TFT LCD (65535 colors)
Ethernet Interface	Yes (10/100 Mbps)	Yes (10/100 Mbps)
Communication Ports	RS-232, RS-485, RS-422	RS-232, RS-485, RS-422
Power Consumption	8.4W Max	8.4W Max
Dimensions (W x H x D)	196 x 136 x 39 mm	196 x 136 x 39 mm

For more information on the DOP-107WVCS, visit DeltaPST.com or contact your Delta Electronics representative. We are confident this product will open up new opportunities for your business and meet the diverse needs of our customers.

Thank you for your ongoing support and partnership.

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