

OptixPanel™ Compact

FactoryTalk® Optix™-based operator panels
for visualization



HIGHLIGHTS

- Embedded solutions based on FactoryTalk® Optix™, the new collaborative, cloud-based software platform that offers an unprecedented degree of flexibility, scalability, extensibility and openness for visualization and Edge Computing applications
- Full industrial interoperability for M2M scenarios and interfacing to MES and ERP systems thanks to native support for OPC UA protocol, simple two-way communication with Cloud infrastructures via MQTT protocol
- Aluminum bezel design with resistive touchscreen
- Glass bezel design with multitouch back-projected capacitive touchscreen
- Available with 4.3" and 7" wide format
- Natively equipped with one Gigabit Ethernet port, one USB 2.0 port and one multistandard serial
- Integrated FactoryTalk® Remote Access™ software for remote assistance (UBIQUITY license compatible)

 Optix™ INSIDE

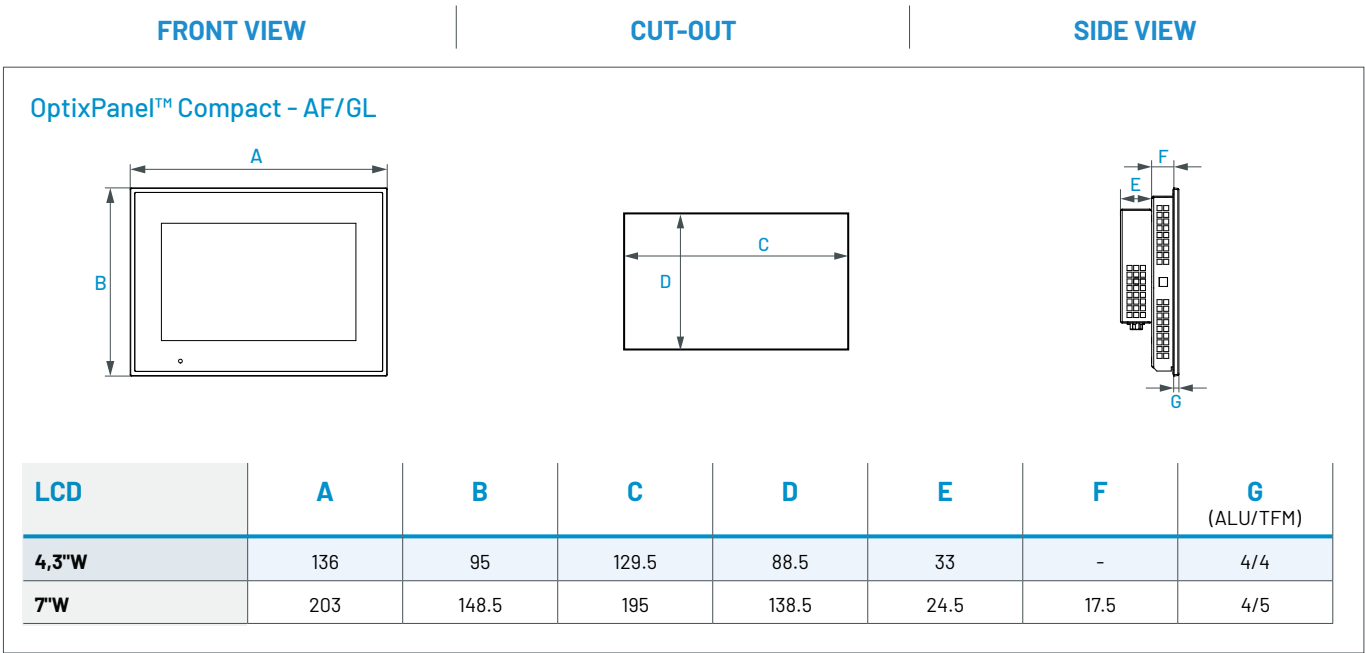
 Remote Access™ INSIDE

 OPC UA

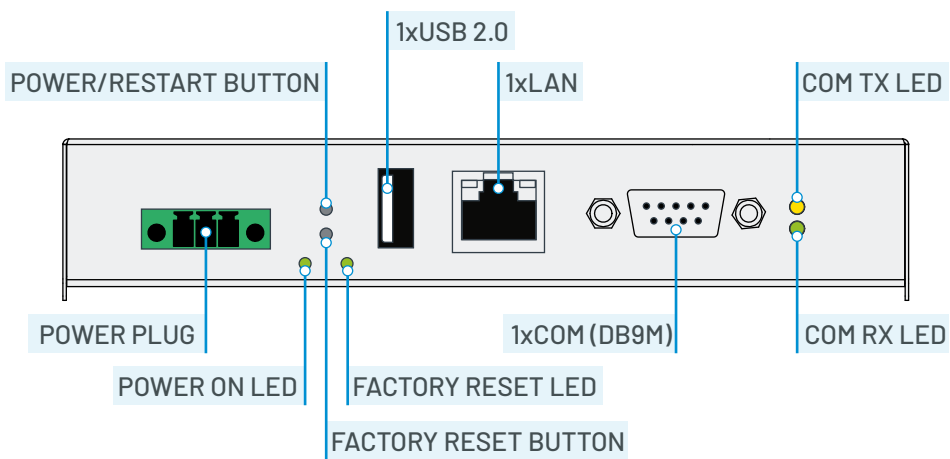
 MQTT

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DIMENSIONS



I/O SHIELD



TECHNICAL DATA

		OptixPanel™ Compact	
HMI SOFTWARE		FactoryTalk® Optix™ runtime - S license (Upgradeable to M)	
REMOTE ASSISTANCE SW		FactoryTalk® Remote Access™ Basic (UBIQUITY compatible) (Upgradeable to Pro)	
O.S. INSTALLED		Linux Yocto	
LED BACKLIGHT TFT LCD		4.3" W - 480x272 7" W - 800x480	
CUT-OUT		QT	
TOUCHSCREEN		Resistive 4 wires	P-CAP Multitouch
BEZEL DESIGN		Aluminum frame (AF)	Glass (GL)
	Logo	AB or brandless	
PROTECTION GRADE IP	IP rating	IP65 - frontal	
	NEMA rating	UL type 1, 4x (indoor only)	
CASE	Installation	Panel mounting	
	Material	Zinc-coated skin pass steel	
PROCESSOR (soldered on-board)		NXP® i.MX 8M Mini Quad ARM® Cortex® A53 1.6GHz • 64bit • integrated GPU	
SYSTEM MEMORY RAM		1GB (LP-DDR4 module)	
MASS STORAGE		~2,5GB eMMC TLC	
INTERFACES	LAN	1x Gigabit Ethernet (RJ45)	
	USB	1x USB 2.0 (Type-A / host)	
	SERIAL	1x RS232/422/485 (DB9M) not isolated	
POWER SUPPLY INPUT		24VDC (18 ÷ 32VDC) isolated	
BATTERY		1x BR1225A Internal access	
OPERATING TEMPERATURE		0° ÷ 50°C	
STORAGE TEMPERATURE		-20° ÷ 60°C	
OPERATING/STORAGE RELATIVE HUMIDITY		20% ÷ 90% RH (non-condensing)	
APPROVALS		CE, cULus Listed, UKCA, KC, RCM, MOROCCO, ODVA	

