

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

OptixPanel™ Compact

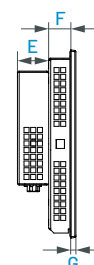
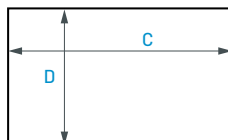
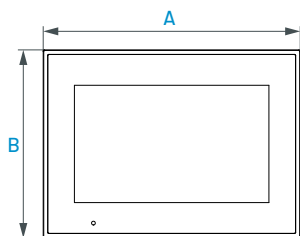
DIMENSIONS

FRONT VIEW

CUT-OUT

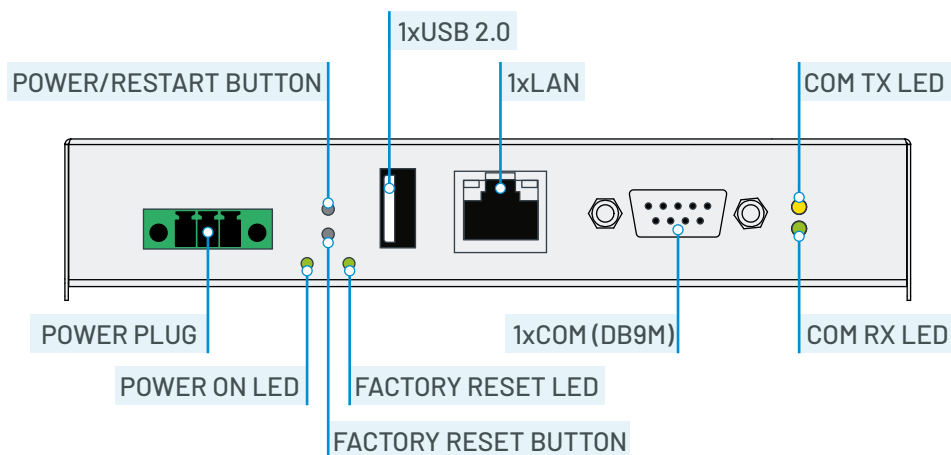
SIDE VIEW

OptixPanel™ Compact - AF/GL



LCD	A	B	C	D	E	F	G (ALU/TFM)
4,3"W	136	95	129.5	88.5	33	-	4/4
7"W	203	148.5	195	138.5	24.5	17.5	4/5

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	

