

Inview Controller

Enhanced Monitoring & Control



Monitor & Control your entire infrastructure, be informed in case of issues, save on your electricity bill with energy management, minimise maintenance expenditures, and leverage the possibilities of IoT & Big Data.

Discover Inview

Inview is our new monitoring & control solution. It comes with **advanced monitoring features** to increase our **customers experience** and share the most relevant information, the best way and at the right time. The advanced scripting tool gives us the opportunity to provide **customized solutions** to best adapt to your infrastructure and requirements. It also offers **control** features including, among others, battery management.

What Inview does?

Our standard version offers **web-based user interface** (responsive and user-friendly), **email** alert & notification, **real-time** monitoring, digital input **mapping** to log the events, easy integration with **3rd party** device (via Modbus, SNMP and HTTP), built-in battery management and advanced cybersecurity features among others.

Want to see by yourself?

Just visit our website or scan the QR Code to try Compas with our **live emulator**:

www.cet-power.com/en/monitoring-emulator



Hardware and Power Converters

Inview exists in five different versions: **Inview Slot** (designed for the Bravo and Sierra 10 series), **Inview S, X, X+** and **XC**.



Inview Slot



Inview S



Inview X



Inview X+








Inview XC

Inview is compatible with our latest **power converters**: Bravo / Sierra 10, Bravo / Sierra 25 and Sierra XC.



Illustrations are non-binding and may include customized fittings.

Devices:

Versions	Inview Slot	Inview S	Inview X	Inview X+	Inview XC
Illustration					
Display	1.8" resistive touchscreen	2.8" capacitive touchscreen	7" capacitive touchscreen		No (IP65 protected)
Hardware interfaces	1 x ETH*, 1 x RS485, 1 x CAN, 1 x USB	1 x ETH*, 1 x RS485, 1 x CAN, 1 x USB	3 x ETH*, 1 x RS485, 1 x CAN, 2 x USB		1 x ETH*, 1 x RS485, 1 x CAN, 1 x 19 Pin connector
Supported protocols	Modbus RS485, Modbus TCP, SNMP v1, v2C and v3, HTTP/HTTPS				
Digital input / Output relay	2 / 2				
Accessories	Measure Box Battery (MBB 60V and 500V)				Measure Box Battery (MBB) with external power supply
Buzzer	Yes				No
Mounting	1U Shelf	DIN / Panel / Door	Panel / Door		Pole / Wall / Panel / Door
Power supply	Internal shelf 48 Vdc (40 to 60 Vdc) or External 12 Vdc (10 to 14 Vdc)	External 12 Vdc (10 to 14 Vdc)	External redundant 2 x 48 Vdc (40 to 60 Vdc)	External redundant 2 x 12 Vdc - 24 Vdc - 48 Vdc (12 to 60 Vdc)	Internal power supply 12 Vdc (from Modules)
Power consumption	6 W	5 W	17 W		5 W
Operating Temperature Range	-20 to 50°C	-20 to 50°C	-40 to 65°C		-40 to 65°C
CPU	NXP i.MX 6UltraLite			NXP i.MX 6QuadPlus	NXP i.MX 6UltraLite
CPU cores	1 x ARM Cortex A7			4 x ARM Cortex A9	1 x ARM Cortex A7
CPU frequency	528 MHz			996 MHz	528 MHz
Integrated GPU	No			Yes	No
RAM	512 MB			1 GB	512 MB
eMMC	2 x 4 GB			2 x 8 GB	2 x 4 GB
Dimension (W x H x D)	87 x 42 x 331 mm	180 x 83 x 31 mm	187 x 128 x 54 mm		312 x 71 x 155 mm
Weight	650 g	240 g	725 g		2.5 kg
Part Number	T602004110	T602004100	T602004200	T602004220	T602004140
Features					
Advanced web-based user interface	✓ (monitoring and configuration)				
Email alert & notification	✓ (SMTP & SNMP trap)				
Custom alarms & notifications	✓				
Translation	✓				
Real-time monitoring	✓				
Events log file	✓				
Custom data recording	✓**				
Digital input mapping	✓				
Alarm relay mapping	✓				
Modbus	RS485 & TCP(R/W**)				
SNMP	V1, V2c & V3 (R/W**)				
HTTP based API	✓				
Encryption	HTTPS** or SSL/TLS**				

* - 100 Mbps, auto-negotiation, ** - On demand

Accessories:

Models	Measure Box Battery (60 V)	Measure Box Battery (500 V)
Illustration		
VDC measurements	3 Vdc inputs	2 Vdc inputs
VDC range	0 – 60 Vdc	0 – 500 Vdc
IDC measurements	3 Idc inputs	2 Idc inputs
IDC range	0 - 75 mV shunt	
Temperature sensors	2 (type: LM335)	
Output relays	6 0 – 60 Vdc, 30 W (max 0,5 A)	4 0 – 60 Vdc, 60 W (max 6 A) ; 60 – 250 Vdc, 40 W 0 – 250 Vac, 1500 VA (max 6 A)
Digital inputs	8 (from free potential contact)	
Communication	CAN	
Power supply	Through Inview or External 12 Vdc input	
Power consumption	1.8 W (6 output relays activated)	2.4 W (4 output relays activated)
Synoptics	1 LED	
Mounting	DIN Rail	
Operating Temperature Range	-20 to 65°C	
Dimension (W x H x D)	160 x 97 x 38 mm	
Weight	240 g	
Part number	T602006000	T602006011