

iView Cloudview HMI



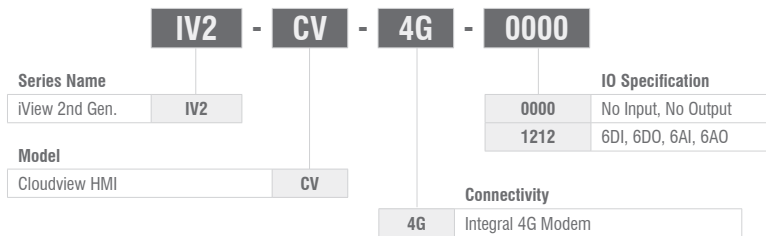
Technical Datasheet

Key Features

- Support Serial and Ethernet protocols (500+)
- 4G & Wi-Fi connectivity
- Dual Ethernet ports
- MQTT: Support AWS, Azure, Ali Cloud and others
- Built-in IO to turn ON/OFF connected device via IDCs
- Remote PLC access and maintenance: Transparent (tManager)
- Remote visualization management and monitoring: PanelVision & HMI in Hand
- Prevents data lost with 128kb battery backed



Options & Ordering Codes



Specifications

Type	Base Module	
Serial Port	COM1	RS232 / RS422 / RS485
	COM2	RS485
	COM3	RS232 / RS422 / RS485
	COM4	RS232
Ethernet Port	2	
Digital Input (DI)	2	
Digital Output (DO)	2	
Flash Memory	128MB	
Battery Backup Memory	128MB	
RTC	Yes	
MicroSD	Yes	
USB (2.0) Host	Yes	
USB (2.0) Client	Yes	
Supply Voltage	Isolated 12-36VDC ±10%	
Operating Temperature	-20°C to +70°C	
Relative Humidity	10%-90%	
Shock (Operation)	Half sine, 15G, 11ms duration	
4G / WiFi	Yes	
Software Version	iView Developer v4.0.7.14 or higher	
Weight	271.8g	

I/O Expansion Specifications

Type	Quantity & IO Type
Digital Input	6 (24V NPN/PNP)
Digital Output	6 (NPN: DC24V / 0.7A)
Analog Input	3 (Voltage Input 0-10VDC)
	3 (Current Input 0-20mA)
Analog Output	3 (Voltage Input 0-10VDC)
	3 (Current Input 0-20mA)

LED Indicators

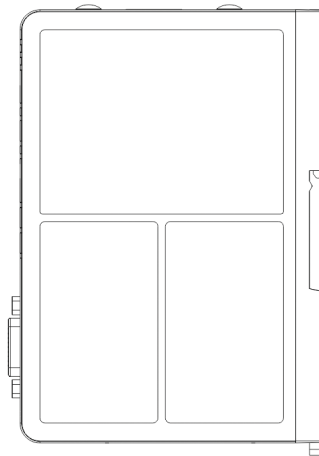
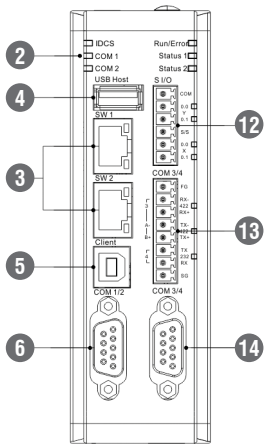
LED	Type	Description
CH0-CH23	I/O State	On when I/Os are working
COM	Communication	Fast blink when working correctly
PWR	Power	On when powered
RUN	n/a	n/a

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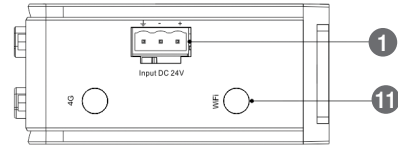


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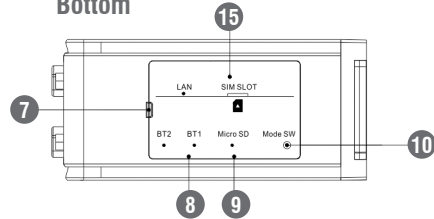
Interface Description



Top



Bottom



- | | | |
|-------------------------|-----------------------|-------------------------------|
| 1. Power Connector | 6. COM 1/2 DB9 Female | 11. AUX & 4G Antenna |
| 2. LED Indicators | 7. Battery Cover | 12. Single I/O 6 Pin Terminal |
| 3. Ethernet Port | 8. Battery Connector | 13. COM 3/4 8 Pin Terminal |
| 4. USB Host Connector | 9. MicroSD Slot | 14. COM 3/4 DB9 Female |
| 5. USB Client Connector | 10. Mode Switch | 15. LAN & SIM Slot |

Dimensions

Model	Length	Width	Height	S: Mounting Hole Distance
IV2-CV-4G-0000	90.7mm	41.9mm	130.1mm	138.3mm
IV2-CV-4G-1212	90.7mm	62.5mm	130.1mm	138.3mm

