Input Module for EM-100

Simplified Physical Access with ICPAM

■ **INPUT EXPANSION**
Increases the number of general inputs by four that can be addressed by the EM-100 Power over Ethernet (PoE) single-door controller

■ **POWER OVER ETHERNET**
Reduces wiring and power supply costs by powering modules using PoE supplied to the ICPAM EM-100 Controller

The Identiv Connected Physical Access Manager (ICPAM) is a management application for physical access that integrates into the Cisco ecosystem. ICPAM is used to configure EM-100 Controllers and TS Readers, monitor activity, enroll users, create identification badges, and integrate with security and IT applications and data stores.

The ICPAM Input Module for EM-100 is designed for interfacing to general purpose inputs typically not associated with standard access point control. The Input Module provides an interface to four input analog/digital inputs.

Specifications

CONDITIONS	VOLTAGE DC (VDC)	CURRENT (AMP)	POWER (W)	OPERATING CONDITIONS	CABLE LENGTH	UL REFERENCE NUMBER
DC Input (NSC)	+12VDC	0.03 Amp	0.36	32° to 122°F (0° to 50°C) 5% to 95% relative, non-condensing	**Input Circuits** 500ft (150 m) = 22 AWG • 0.65 mm • 0.33 mm² 18 AWG • 1.02mm • 0.82mm² **Hi-O CAN Bus** Total Length 100 ft (30 m) = 22 AWG • 0.65 mm • 0.33 mm² Maximum between drops 30 ft (10 m) 18 AWG • 1.02mm • 0.82mm²	MEIMAKNN
	+24VDC	0.03 Amp	0.72			
DC Input (MAX)	+12VDC	0.70 Amp	0.48			
	+24VDC	0.70 Amp	0.96			
Supervised Inputs (MAX)	0 to 5 VDC reference	.005 Amp (sink)	0.025			

Note: NSC=Normal Standby Condition

Product Details

DIMENSIONS	3.3 x 5 x 1.5 in (84 x 127 x 37 mm)
WEIGHT	4.9 oz (140 g)

Ordering Information

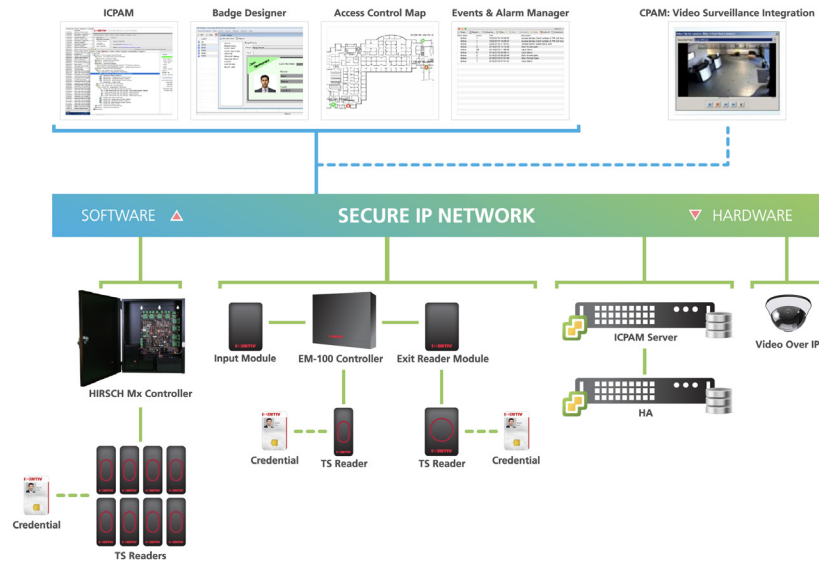| CISCO PID	PRODUCT	DESCRIPTION
ICPAM-EM100-INPUT	EM-100 Input Module	Allows four (4) additional general purpose inputs to be addressed by an EM-100 PoE Controller

Figure 1: Two readers with module and controller

Figure 2: Reader Module for EM-100 (front and back view)

Identiv, Inc. (NASDAQ: INVE) is a global provider of physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.