

SPECIFICATION SHEET

(Compatible with ACE3600)



Environmental

Operating Temperature	-40 °F to 158 °F (-40 °C to +70 °C)
Storage Temperature	-67 °F to 185 °F (-55 °C to +85 °C)
Relative Operating Humidity	5% to 95% RH @ 50 °C without condensation
Operating Altitude	-1312 feet to + 13120 feet (-400m to +4000 meter) above sea level

Physical

Dimensions	Mechanical Spec varies with the different unit's configuration, please refer to the ACE3600 Specification sheet
Weight	

Communication Ports

Port #1(optional)	Plug-in #1: Radio Modem, RS232, RS485 or Ethernet 10/100 Mb/s
Port #2	Serial #1: Configurable RS232 or RS485
Port #3	Serial #2: RS232
Port #4	Ethernet 1: 10/100 Mb/s, (on CPU 3640 only)
Port #5 (optional)	Plug-in #2: Radio Modem, RS232, RS485 or Ethernet 10 Mb/s

Approvals

Safety	UL 60950-1 (UL listed), CSA 22.2-950-1, EN60950-1, IEC 60950-1, AS/NZS 60950
Emission	Emission standards for industrial environments CFR 47 FCC part 15, subpart B (class A) CE EMC: EN50081-2/EN61000-6-4 (CISPER 11 / EN55011 class A)
Immunity	Immunity standards for industrial environments Per EN50082-2 / IEC 61000-6-2

I/O Capacity

The IRRInet-ACE is a Modular Unit with up to 8 I/O slots. The I/O capacity varies per selected configuration (Please refer to the ACE3600 Specification sheet)

Electrical Input

12 V DC Low Tier
10.5-16 V DC (default)
18-72 V DC
18-72 V DC with 12V smart battery charger
85- 264 V AC, 50-60 Hz
85- 264 V AC, 50-60 Hz, with 12V smart battery charger

Various Power Supply Options

Electrical Output

AUX1A/AUX1B	Total 8A max. Load
AUX2A/AUX2B	13.2V D ±20%, max.8A
	13.2 V DC ±20%, max. 8A or 3.3 / 5 / 7.5 / 9 V DC ±10%, max. 2.5A

I/O Load Capacity

Spec varies with I/O Module.
please refer to the ACE3600 Specification sheet

Application Data

Connectivity to ICC	Yes (Via Port #1, 2, 3, 4, or 5)
Connectivity to Piccolo-XR	Yes (Via PIU on Port # 1, 2, 3, or Port #5)
Connectivity to Impact	Yes (Via Port #1 or 5, using Radio Modem)
Connectivity to Scorpio	Yes (Via Port #1 or 5, using Radio Modem)
Connectivity to Pocket PC	Yes (Via Port #1, 2, 3, or Port #5)

Number of Outputs	500
Number of Inputs	500
Number of Main Lines	250
Number of Programs	400
Number of Groups	400

IRRInet-ACE

Water and Irrigation Control Solutions