LEIT® 4000
SOLAR POWERED IRRIGATION CONTROL SYSTEM

The LEIT® 4000 is an advanced water management irrigation controller powered by ambient light (solar), eliminating the need for AC power or batteries. Designed for installation in commercial and municipal applications without needing to connect to the power grid helping to reduce installation costs.

Features

• Requires no direct sunlight; uses ambient light (solar) to generate electricity that is stored in super capacitors to power and operate the controller day and night in any weather
• Bilingual software in English and Spanish
• USB port easily allows for software updates
• Features include four independent programs with three start times, manual run by program or valve, monthly budgeting, rain delay, status reports for past and current months and it is password protected
• Environmentally friendly, certified lead free and can help achieve LEED certification

Available in 4-8 station models

Scan the QR code or visit digcorp.com

DIG Corporation
1210 Activity Drive
Vista, California 92081
(800) 322-9146
(760) 727-0914
fax (760) 727-0282
**LEIT® 4000**  
SOLAR POWERED IRRIGATION CONTROL SYSTEM

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**Designed & Manufactured in the USA**

Our manufacturing and testing facility is located in Vista, CA USA.

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**Uses clean, sustainable solar power**

Ambient light is used to generate electricity providing power for the controller to operate even without direct sunlight.

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**No batteries to charge or throw away**

Our patented technology stores power in lead-free super capacitors, eliminating the need for AC power or batteries.

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**Solenoid and Valve Adapters**

- **LEMA 1600HE™** Micro power solenoid

  - 30-920: BERMAD series 200, HIT series 500, DOROT series 80, GRISWOLD series 2000, DW and BUCKNER series VB valves
  - 30-921: RAIN BIRD DV, DVF, PGA, PEB (3/4” and 1” only), GB, EFB-CP, BPE, PESB (3/4” and 1” only) and ASVF valves
  - 30-922: HUNTER series ASV, HPV, ICV, PGV, SRV, IBV and ASVF valves
  - 30-923: WEATHERMATIC series 12000, 21000 valves
  - 30-924: IRRITROL series 100, 200B, 205, 217B, 700, 2400, 2500, 2600 and TORD series 220, P220 valves
  - 30-925: SUPERIOR series 950, HUNTER HBV and TORD series 252 valves (1 ½” and larger)
  - 30-926: RAIN BIRD series PEB and PESB (1 ½” and 2” only) valves

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**LEIT® 4000 Controller**

- **LEIT 4004**: Four station controller plus MV/P and two common terminals
- **LEIT 4006**: Six station controller plus MV/P and two common terminals
- **LEIT 4008**: Eight station controller plus MV/P and two common terminals

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**Accessories**

- **LEIT KEY**: For programming and performing manual runs
- **RKIT-8821-4**: Switch type sensor adapter for connecting a rain, freeze, moisture or wind sensor
- **RKIT-8810S**: Relay interface kit to switch AC or DC relay circuit to turn on a pump

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**Mounting Accessories**

- **MKIT 4000**: Mounting kit
- **ENCL4000**: Stainless steel enclosure
- **ENCL 4000-S**: Stainless steel enclosure with rain sensor enclosure
- **MCOL4000**: Mounting column – 32” (81 cm)
- **MCOL4000L**: Mounting column – 48” (121 cm)

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**Valve and Drip Zone Assemblies**

- **160HE-075**: 3/4” valve
- **160HE-100**: 1” valve
- **160HE-150**: 1 1/2” valve
- **160HE-200**: 2” valve
- **PS2-075**: 50 PSI, 3/4” drip zone with LEMA 1600HE™ solenoid and 155 mesh poly screen filter  
  Recommended flow rate range: 0.10-13 GPM (37-49 L/H)

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**Maximum wire run**

<table>
<thead>
<tr>
<th>Wire gauge</th>
<th>Distance</th>
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<tbody>
<tr>
<td>18 AWG</td>
<td>.82 mm²</td>
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<tr>
<td>16 AWG</td>
<td>1.3 mm²</td>
</tr>
<tr>
<td>14 AWG</td>
<td>2 mm²</td>
</tr>
<tr>
<td>12 AWG</td>
<td>3.3 mm²</td>
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</tbody>
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