

Technical Datasheet

Egain Harvest

Egain Harvest

Edge Harvest is the easiest, fastest and most affordable way to connect all your building data into a central cloud solution and digitize your business.

Connect all equipment in a building to one device. Egain Harvest handles most communication protocol for example Modbus, BACnet, LON, M-bus and KNX. You can find the complete list below.

Access everything in your building in an easy way. Egain Harvest connects automatically to the cloud with 4G or ethernet and you can access your data in Egain Edge or trough our API.



FIELD OF USE

Apartment, housing co-operations and commercial buildings.

- Get full control of your buildings
- Visualize and analyze all data in one system
- Broad connectivity, unify field communication protocols.
- Easy and fast to install

MOUNTING

- Mount the Harvest box on a DIN rail.
- Power it by 12-24VDC, screw the cable into the power connectors.
- Can be bought in a casing with transformer and circuit breaker. Connect with 100-240VAC and screw to the wall.

MAIN FUNCTIONS

- Collects data and controls equipment through multiple communication standards.
- Numerous integrated drivers for buses, protocols and building equipment.
- Created to connect all equipment from all buildings: IoT sensors, meters, heating, air conditioning, air handling systems, building management systems (BMS).
- Connects automatically to the cloud with 4G or ethernet.
- Combines the functions of a gateway, a PLC, a modem and an edge device.
- Access consolidated data in Egain Edge or through our API.

COMMUNICATION PROTOCOLS

BACnet IP
BACnet MSTP
KNX
M-Bus
Wireless M-Bus (wM-bus)
Modbus TCP/IP
Modbus RTU
LON IP-852
LON FT10
LoRaWAN 1.0
LPB
Dematic

INTERFACES

4G modem, antenna & SIM
863MHz to 928MHz radio module
2x Ethernet
2x RS485
1x RS232
2x USB
1x KNX TP1
1x M-Bus
1x LPB/BSB

GENERAL

Power supply 12-24 VDC
Energy consumption 5W
Operating temperature 0°C - +45°C

Web-connect GSM/4G or ethernet
GSM Antenna External
CE approval Yes
RoHS 2011/65/EU
CPU 528MHz ARM Cortex A7
Memory 256MB DDR3 SDRAM
Storage 256MB NAND Flash
Weight 340g
Size (W x H x D) 160 x 110 x 55 mm
Disposal notes When disposed of, the Egain Harvest shall be recycled and not disposed with domestic waste.