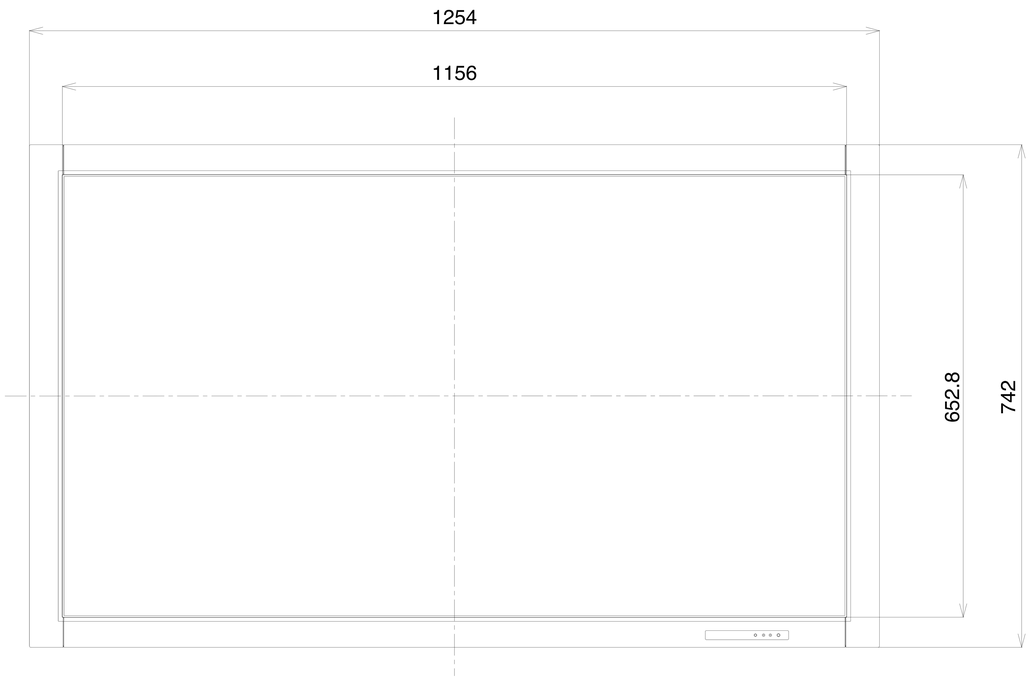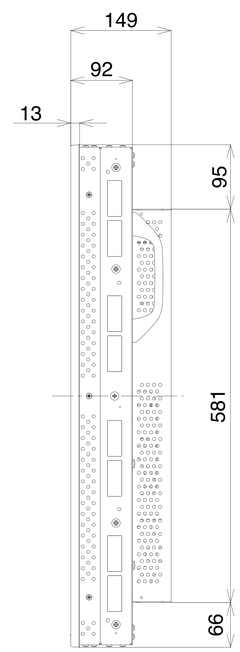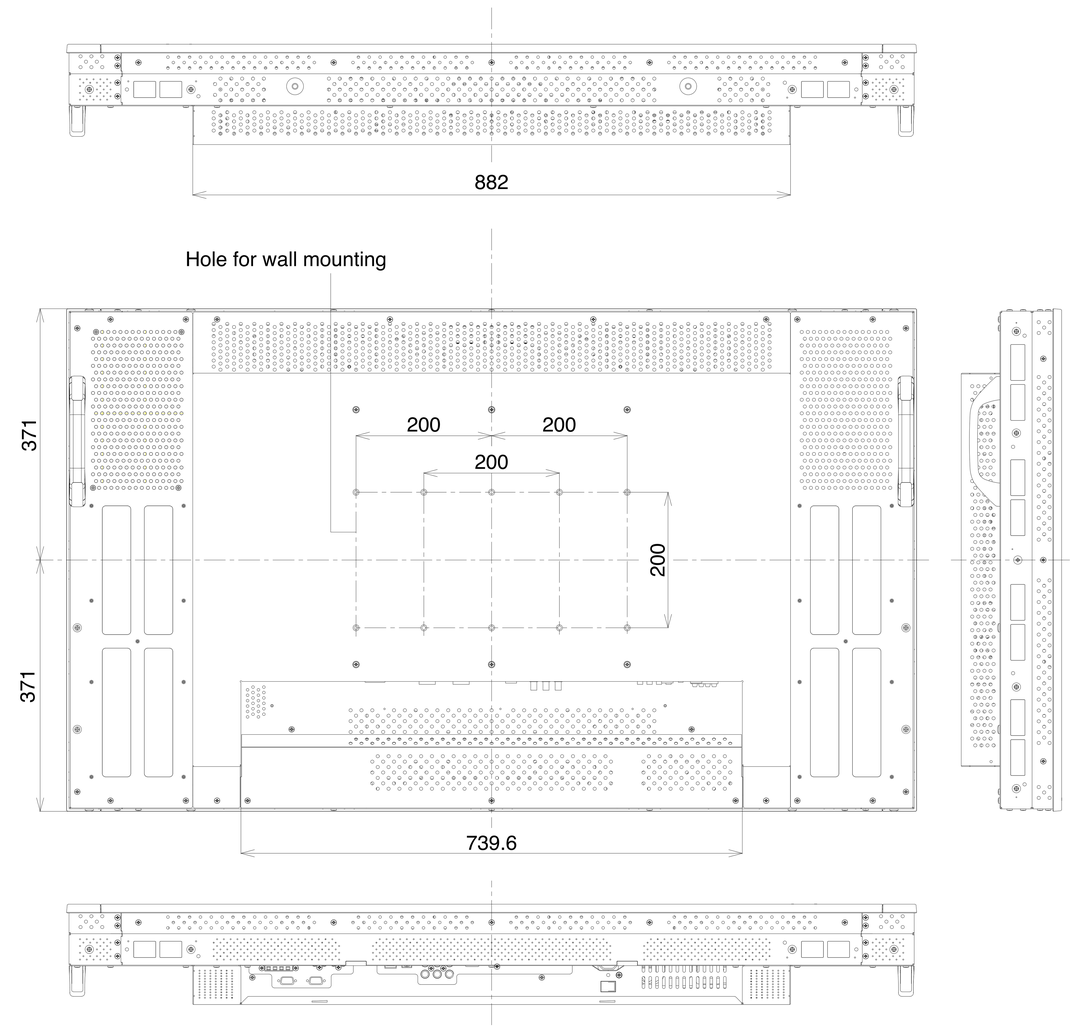LDT52IV OUTLINE